Büromaschinen-Spezialwerkstätte
EDMUND FIEDLER
Innsbruck, Fallmerayerstr. 4
Fernruf 4862

Rheinmetall

RHEIN METALL BORSIG

Ersatzteilliste

für

»RHEINMETALL«-RECHENMASCHINEN

RHEINMETALL-BORSIG
AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜR.)

Nr. 620

Übersicht

1. Teile für Handrechenmaschinen und Standardteile
   Teile im Untergestell . . . . . Seite 1—6
   Teile im Zählwerk . . . . . „ 7—9
   Teile zur Tastatur und Bekleidung . . . . . „ 10—11
   Teile für ältere Handrechenmaschinen . . . . . „ 12—13
2. Teile für einfachen elektrischen Antrieb (Modelle KE, KEW) . . . . . „ 14—15
3. Teile für Superautomaten . . . . . „ 16—21
4. Teile für Halbautomaten . . . . . „ 22—24
5. Teile für Summierwerk . . . . . „ 25—29
6. Teile für Motoren und zum elektrischen Anschluß . . . . . „ 30—31

Index

1. Parts for hand-operated calculating Machines and Standard parts
   Parts of the bottom-frame . . . . . Page 1—6
   Parts of the counter . . . . . „ 7—9
   Parts for the keyboard and side-plates . . . . . „ 10—11
   Parts of former hand models . . . . . „ 12—13
2. Parts of the simple electric drive (Models KE, KEW) . . . . . „ 14—15
3. Parts of the super automatic machines . . . . . „ 16—21
4. Parts of semi automatic machines . . . . . „ 22—24
5. Parts of the second totaliser . . . . . „ 25—29
6. Parts of the motors and of the electric contact . . . . . „ 30—31

Table des matières

1. Pièces des machines à calculer à main et pièces Standard
   Pièces du châssis . . . . . Page 1—6
   Pièces du compteur . . . . . „ 7—9
   Pièces pour le clavier et revêtement . . . . . „ 10—11
   Pièces pour machines à main, ancien modèle . . . . . „ 12—13
2. Pièces pour la commande simple électrique (modèles KE, KEW) . . . . . „ 14—15
3. Pièces des machines superautomatiques . . . . . „ 16—21
4. Pièces pour machines semi-automatiques . . . . . „ 22—24
5. Pièces du double totalisateur . . . . . „ 25—29
6. Pièces pour moteurs et du contact électrique . . . . . „ 30—31

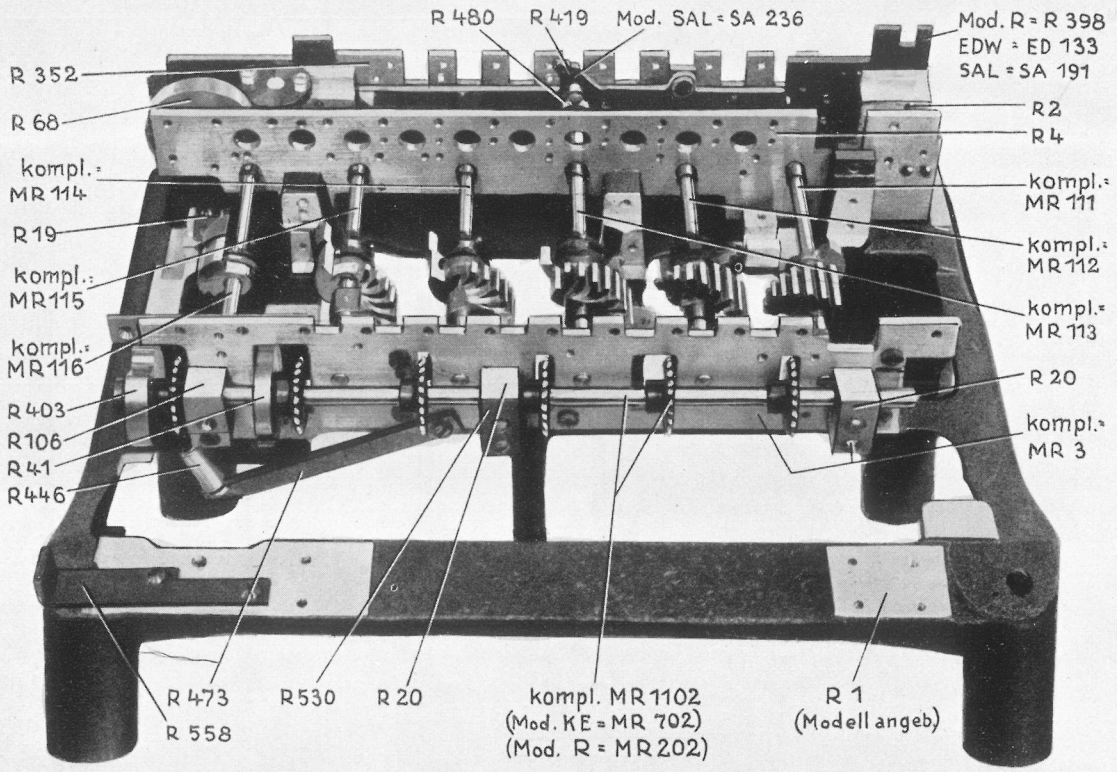
Indice

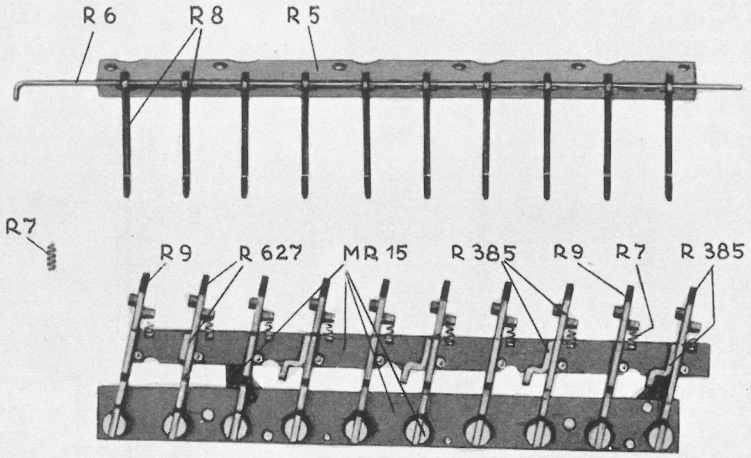
1. Piezas de máquinas para calcular a mano y piezas Standard
   Piezas del bastidor . . . . . Página 1—6
   Piezas del mecanismo contador . . . . . „ 7—9
   Piezas para el teclado y el revestimiento . . . . . „ 10—11
   Piezas para máquinas a mano, modelo antiguo . . . . . „ 12—13
2. Piezas para el impulso sencillo eléctrico (modelos KE, KEW) . . . . . „ 14—15
3. Piezas de las máquinas superautomáticas . . . . . „ 16—21
4. Piezas para máquinas semi-automáticas . . . . . „ 22—24
5. Piezas del doble totalizador . . . . . „ 25—29
6. Piezas para el motor y el contacto eléctrico . . . . . „ 30—31

Indice

1. Pezzi per calcolatrice a mano e pezzi Standard
   Pezzi del bassamento . . . . . Pagina 1—6
   Pezzi del meccanismo contatore . . . . . „ 7—9
   Pezzi della tastiera e del rivestimento . . . . . „ 10—11
   Pezzi per macchine a mano, modelo antico . . . . . „ 12—13
2. Pezzi per il commando elettrico semplice (Modelli KE, KEW) . . . . . „ 14—15
3. Pezzi per le macchine superautomatiche . . . . . „ 16—21
4. Pezzi per le macchine semi-automatiche . . . . . „ 22—24
5. Pezzi del doppio totalisatore . . . . . „ 25—29
6. Pezzi per i motori ed il contatto elettrico . . . . . „ 30—31

RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



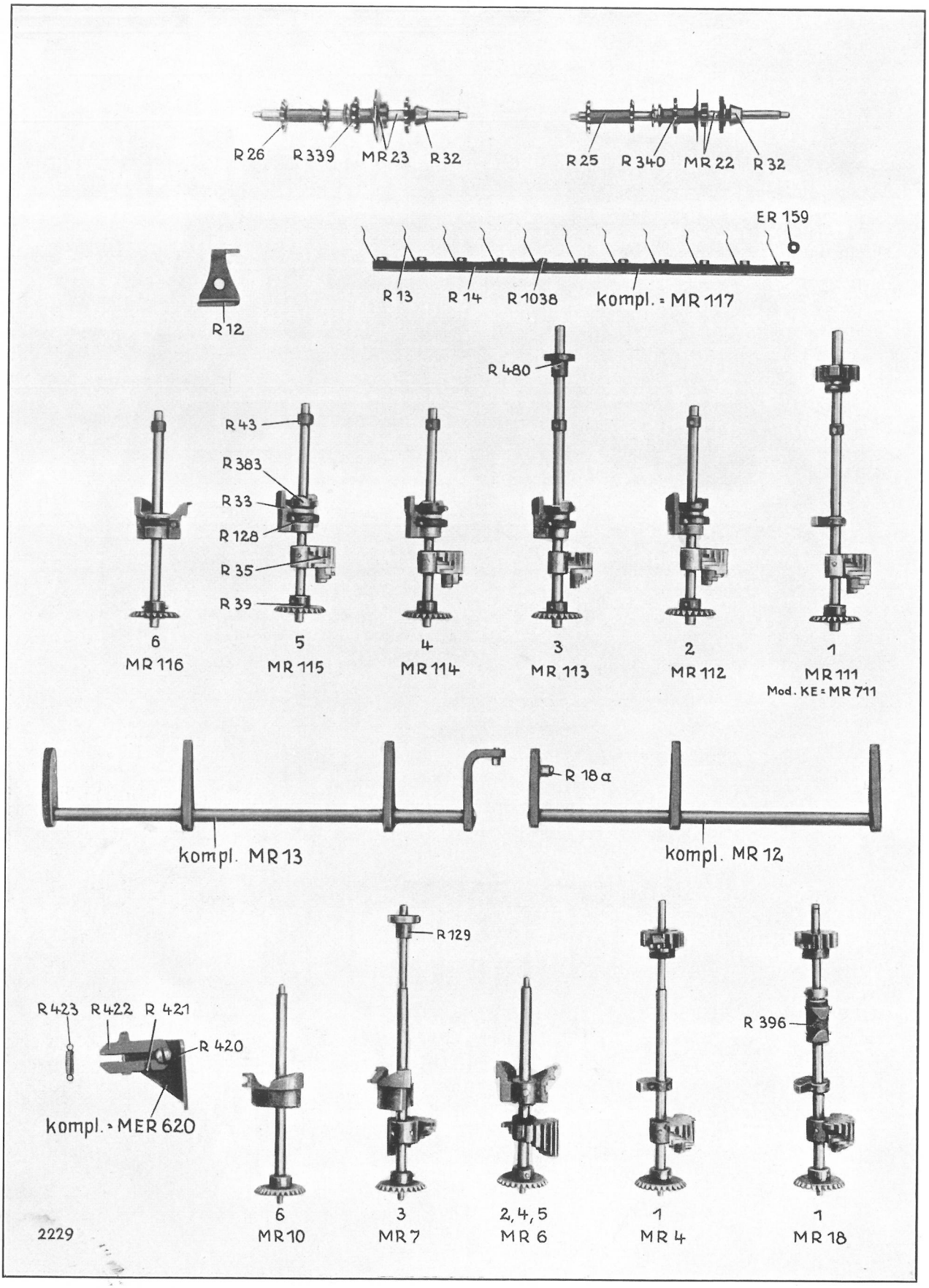


2228

kompl. MR 17

Teile im Untergestell

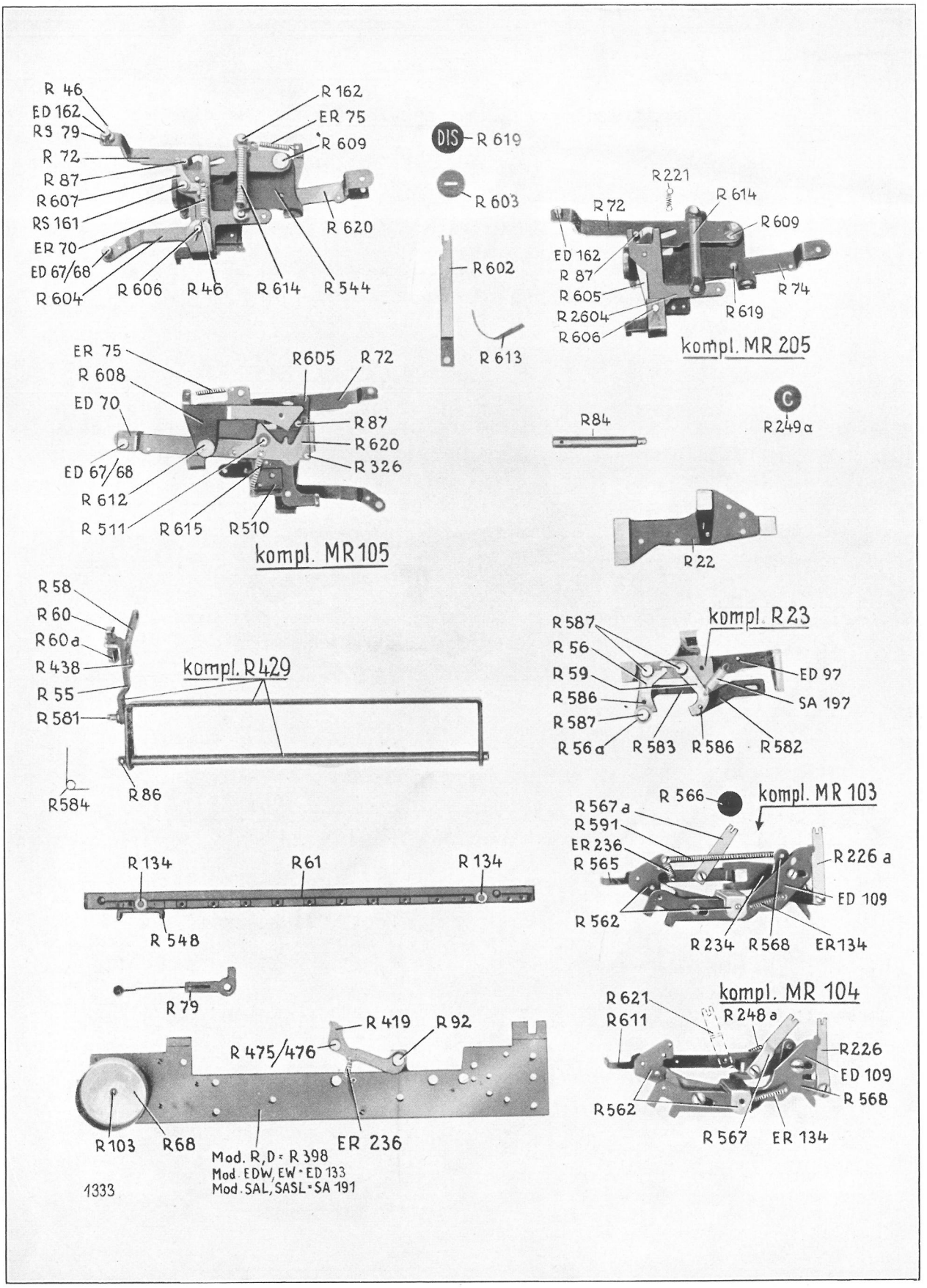
Parts of the bottom-frame
Pièces du châssis
Piezas del bastidor
Pezzi del bassamento



Teile zum Antrieb im Untergestell

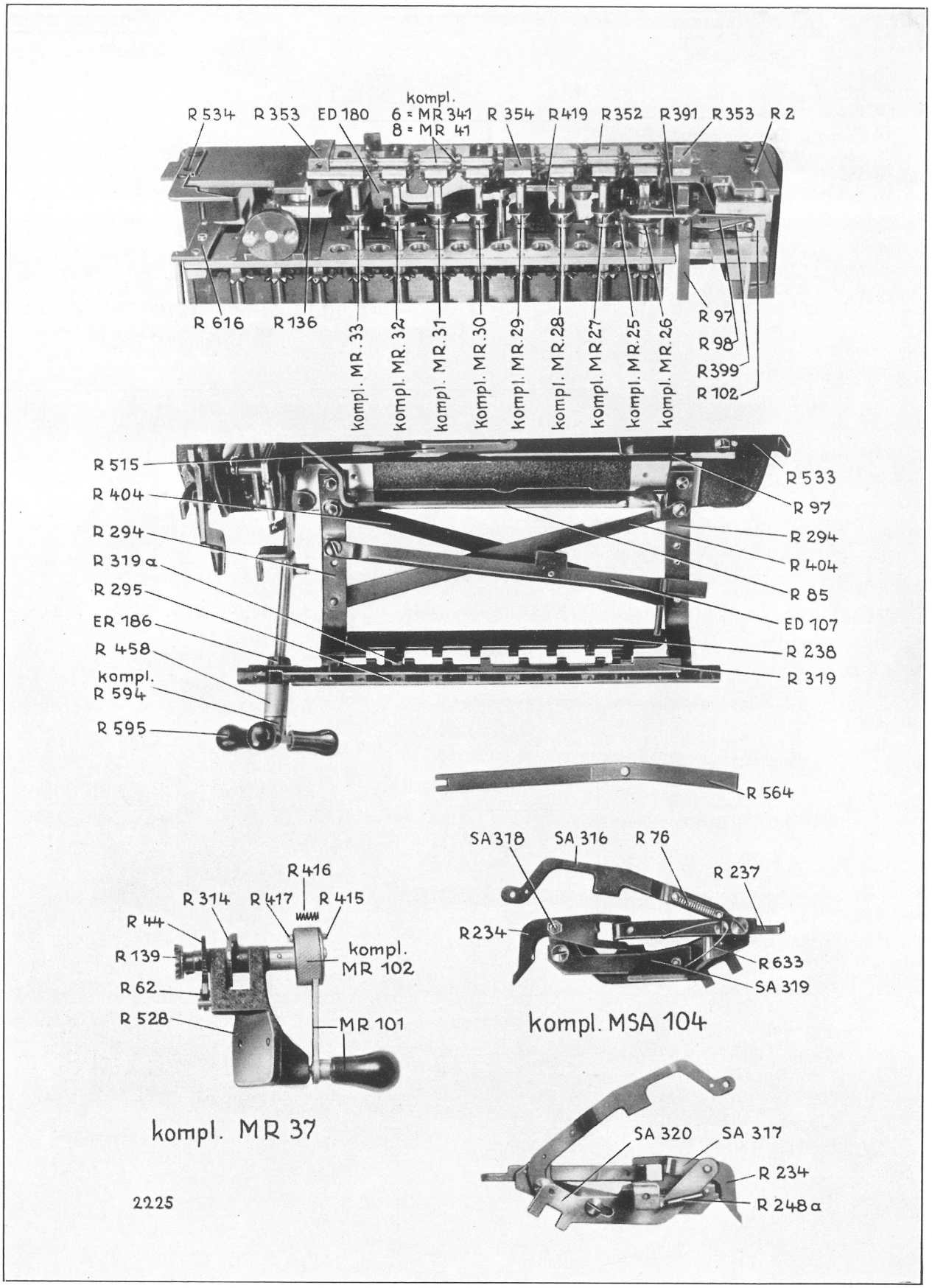
Driving Parts in the bottom-frame
Pièces pour la commande au châssis
Piezas para el impulso electrico en el bastidor
Pezzi per il commando elettrico nel bassamento

RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



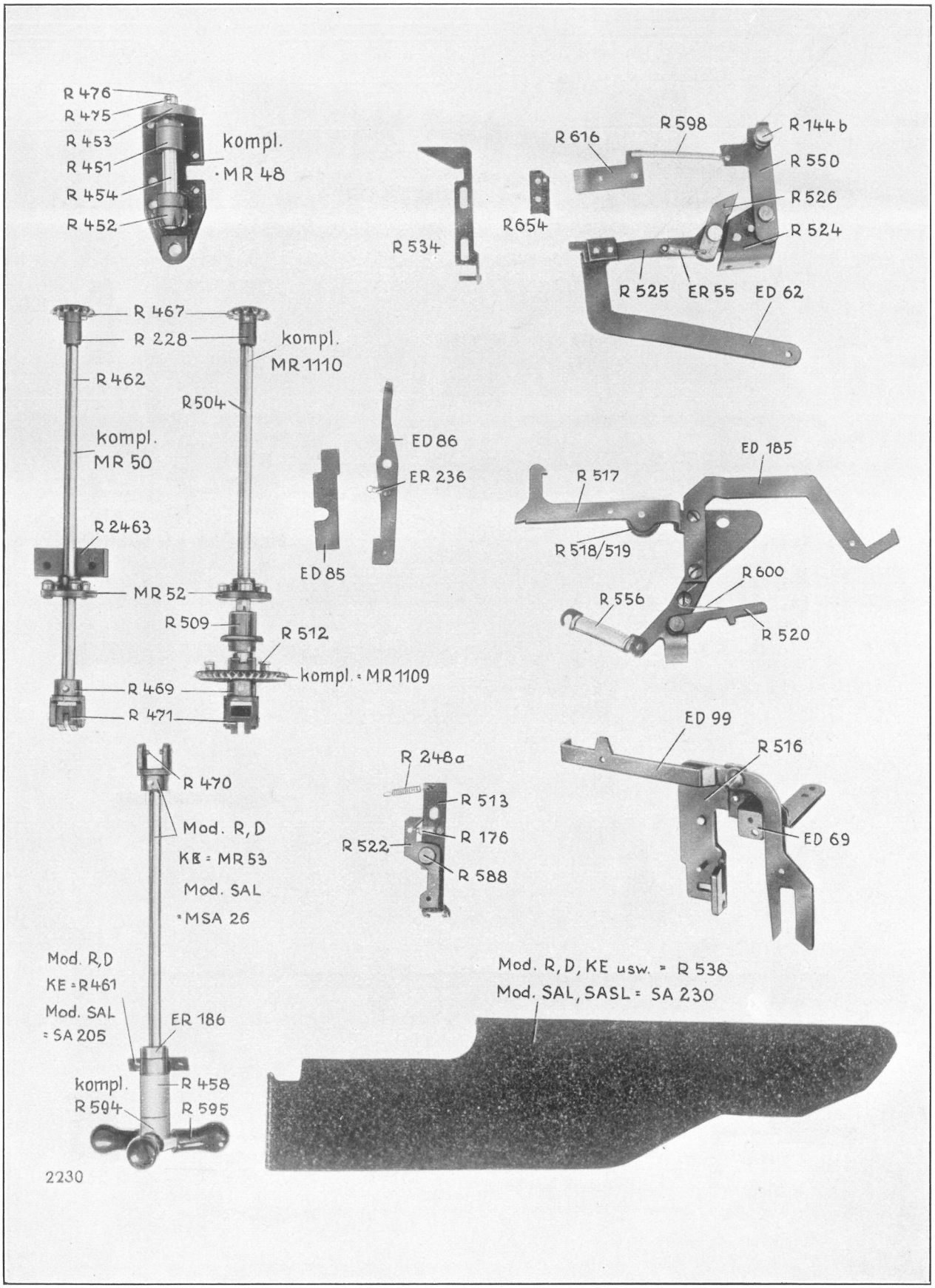
Teile zur Schaltung im Untergestell

Parts for commutation in the bottom-frame
Pièces d'échappement au châssis
Piezas del escape en el bastidor
Pezzi per il meccanismo dell'avanzamento nel bassamento



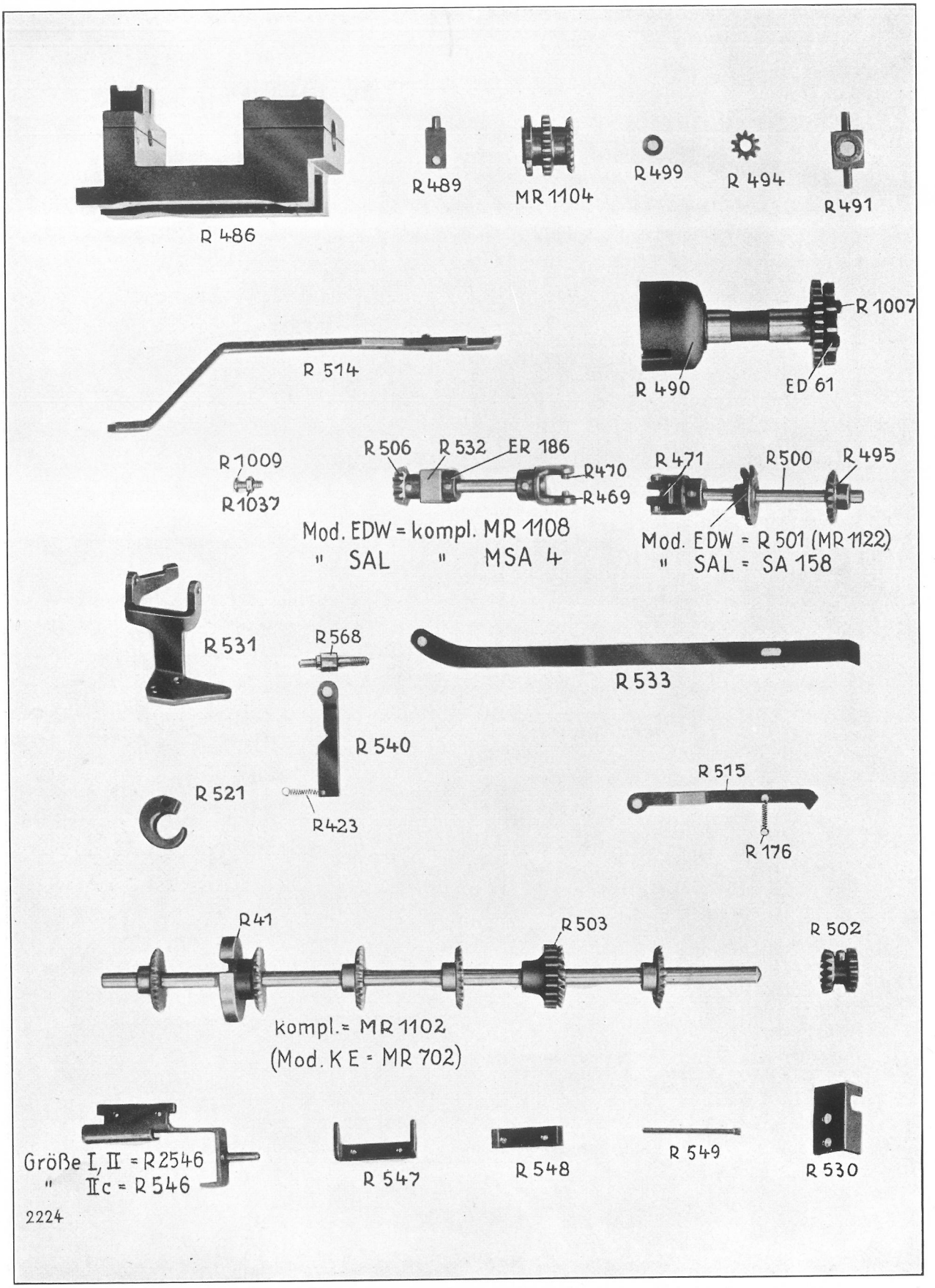
Teile zum Untergestell

Parts of the bottom-frame
Pièces du châssis
Piezas en el bastidor
Pezzi del bassamento



Teile zum Wagentransport und zur automatischen Division

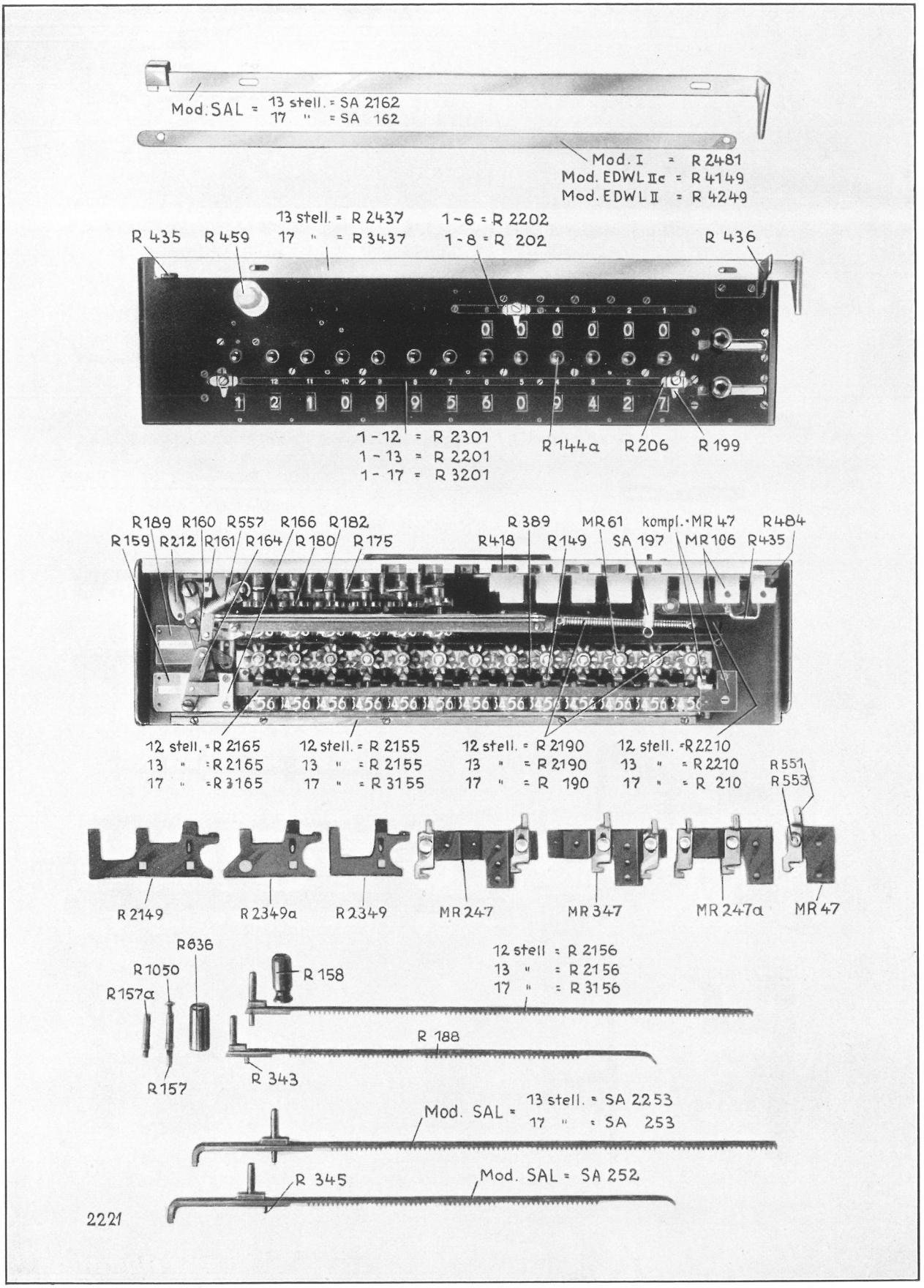
Parts for carriage transport and for automatic division
Pièces du transport du chariot et division automatique
Piezas para el transporte del carro y la división automática
Pezzi per il trasporto del carrello e la divisione automatica



Teile zur automatischen Division

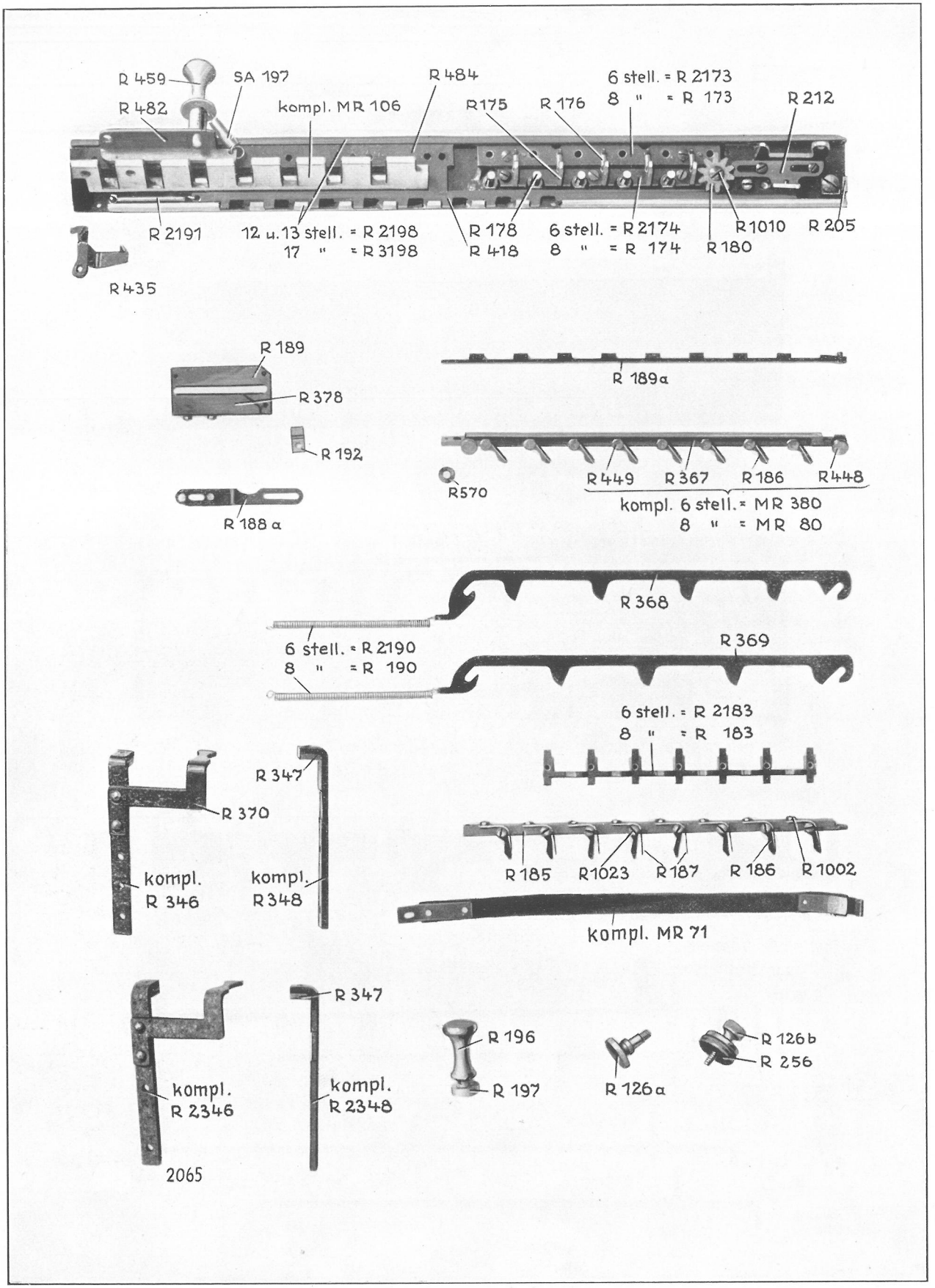
Parts for automatic division
Pièces pour la division automatique
Piezas para la división automática
Pezzi per la divisione automatica

RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



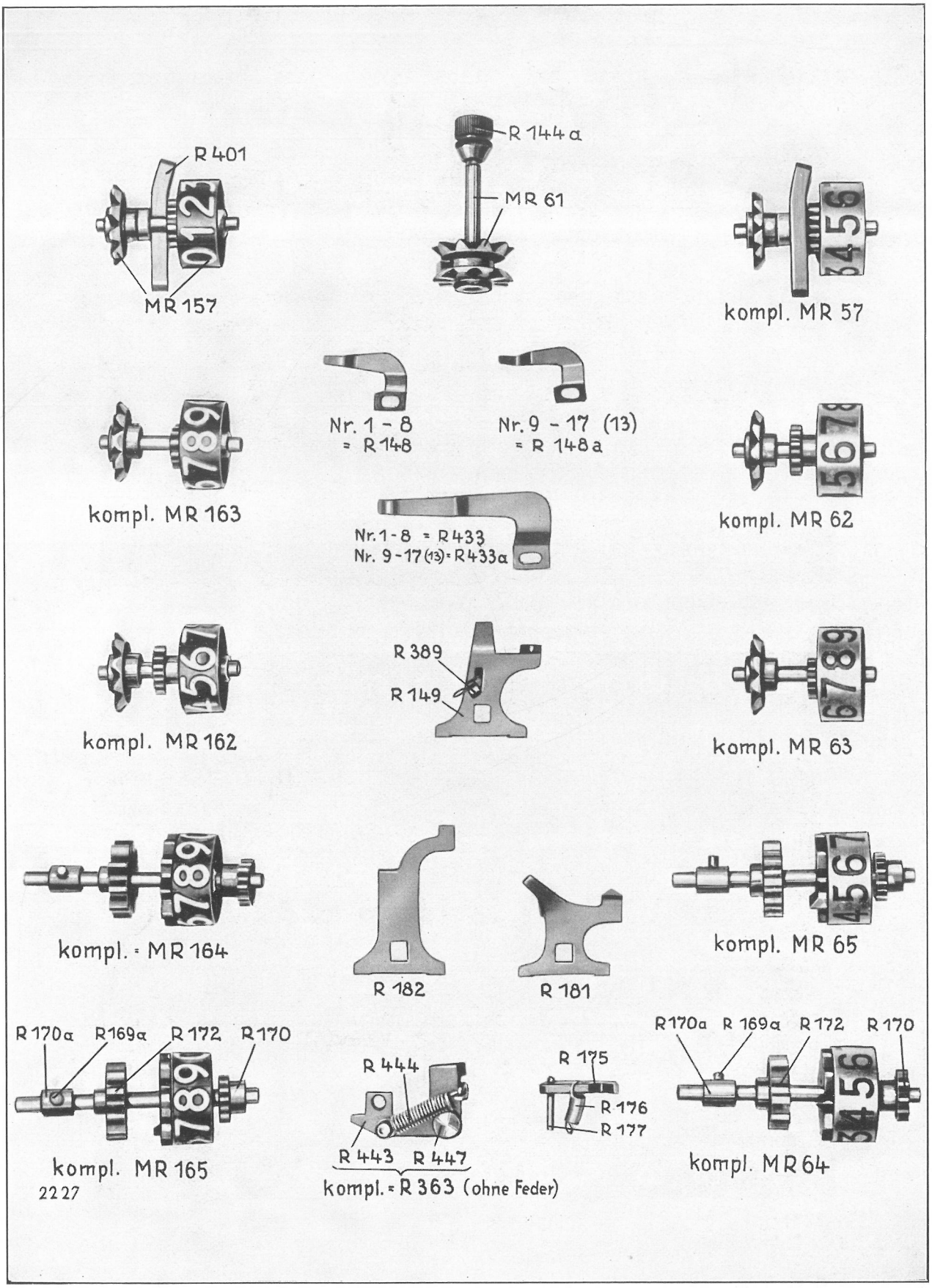
Teile zum Zählwerk

Parts of the counter
Pièces du compteur
Piezas del mecanismo contador
Pezzi del meccanismo contatore



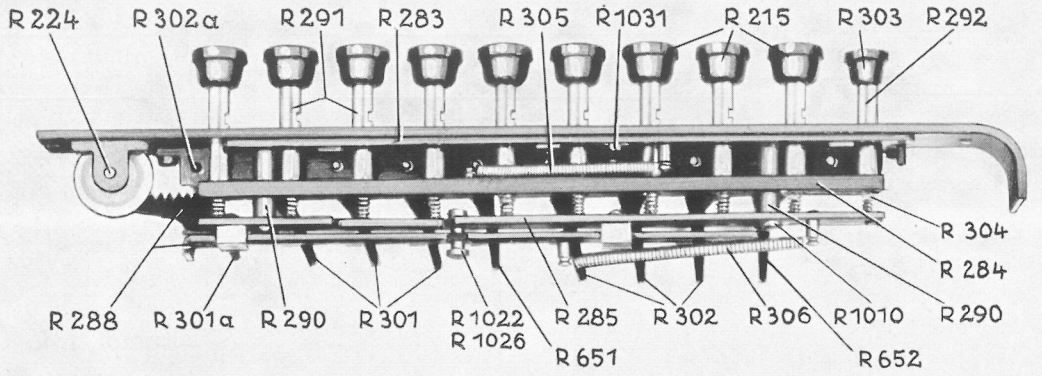
Teile zum Zählwerk

Parts of the counter
Pièces du compteur
Piezas del mecanismo contador
Pezzi del meccanismo contatore



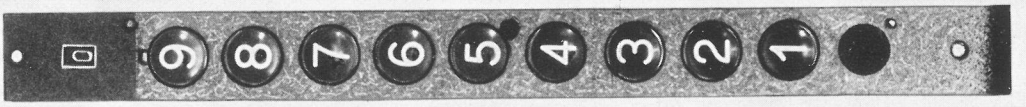
Teile zum Zählwerk

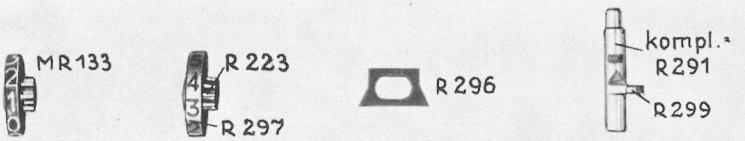
Parts of the counter
Pièces du compteur
Piezas del mecanismo contador
Pezzi del meccanismo contatore

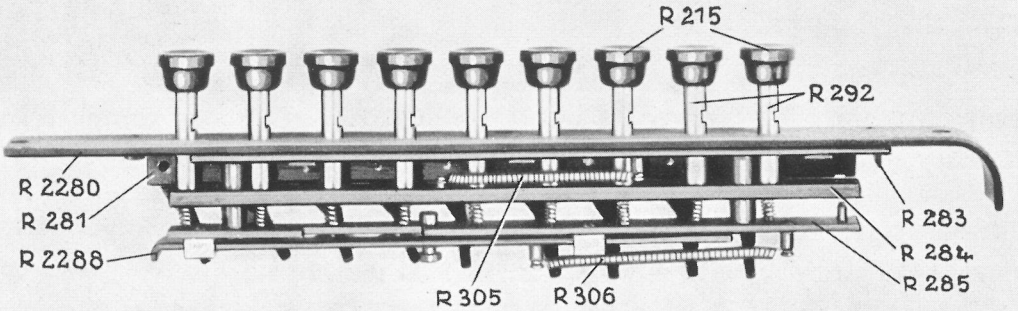


kompl. MR 79

kompl. MR 179



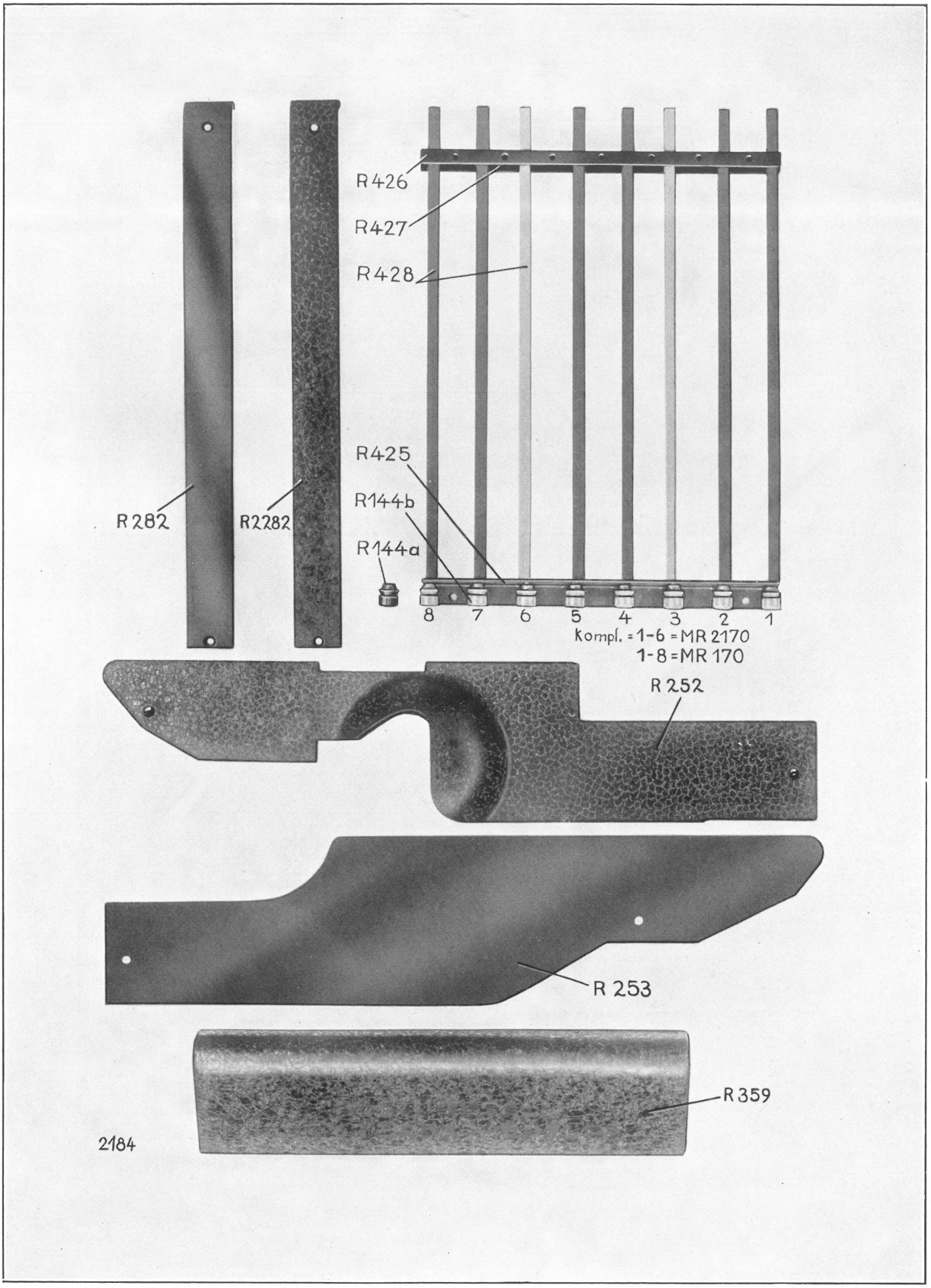




2231 kompl. = MR 279

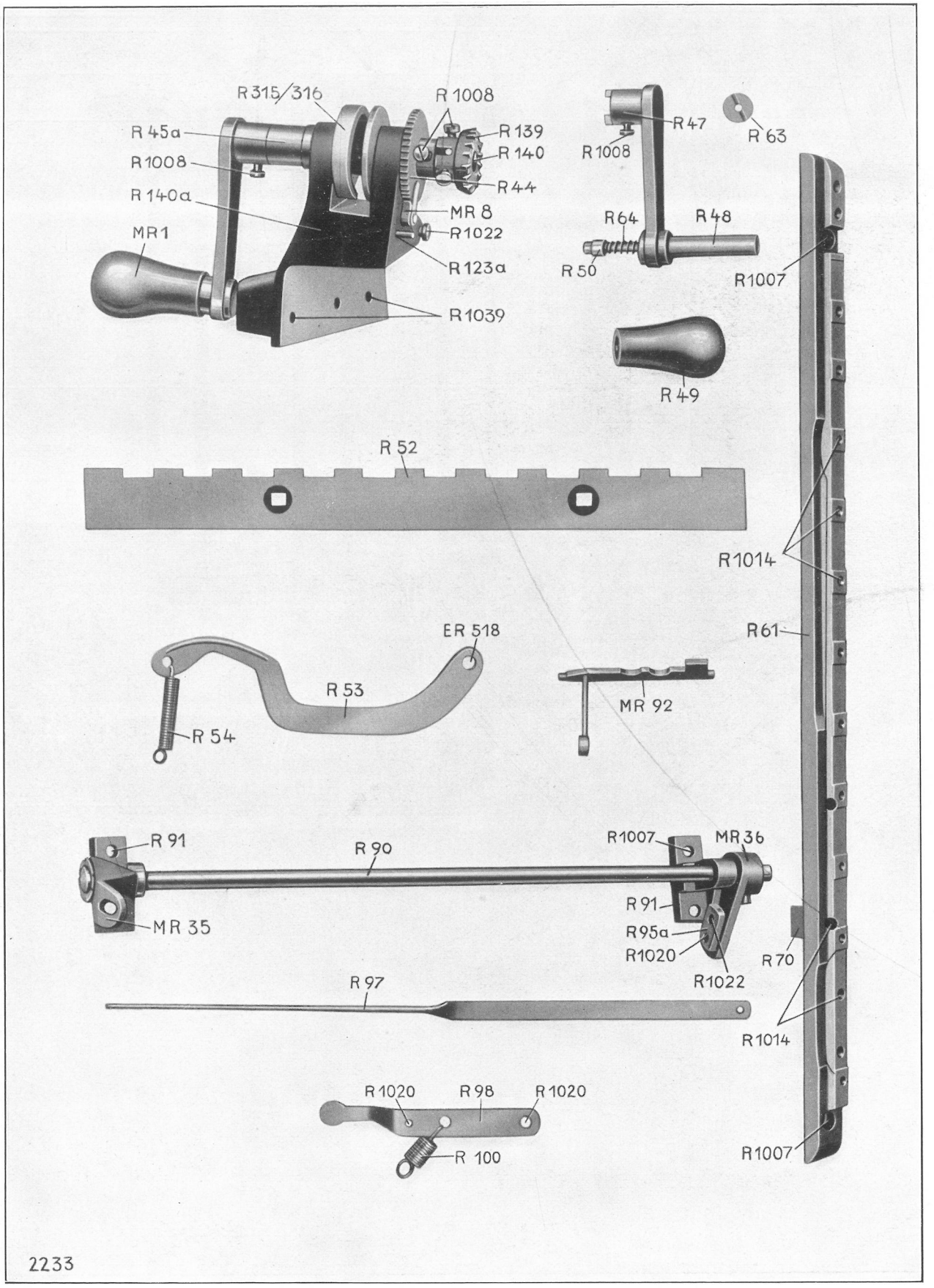
Teile zur Tastatur

Parts for the keyboard
Pièces pour le clavier
Piezas para el teclado
Pezzi per la tastiera



Teile zur Tastatur und Bekleidung

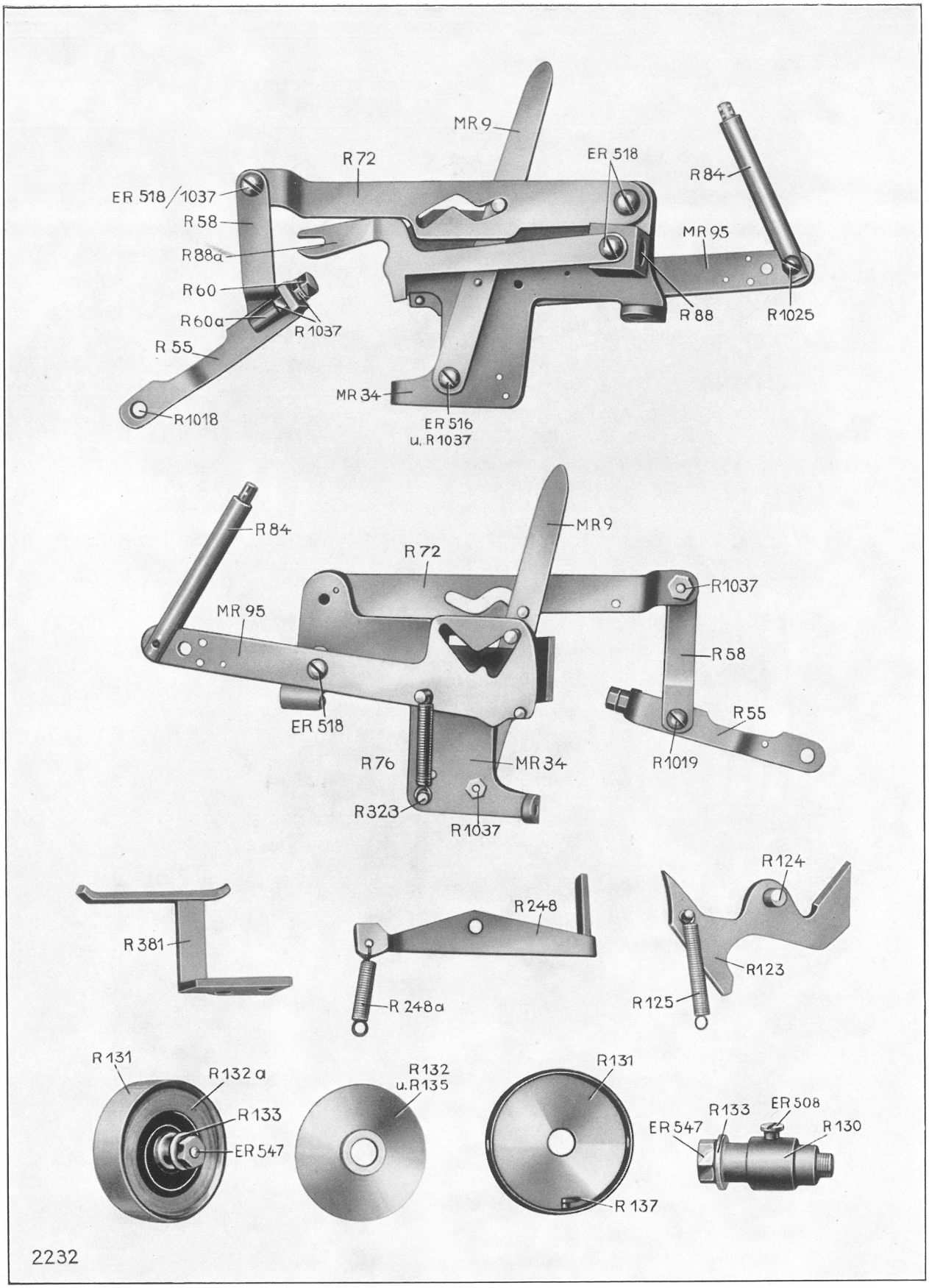
Parts for the keyboard and side-plates
Pièces pour le clavier et revêtement
Piezas para el teclado y el revestimiento
Pezzi per la tastiera ed il rivestimento



Teile für ältere Handmaschinen

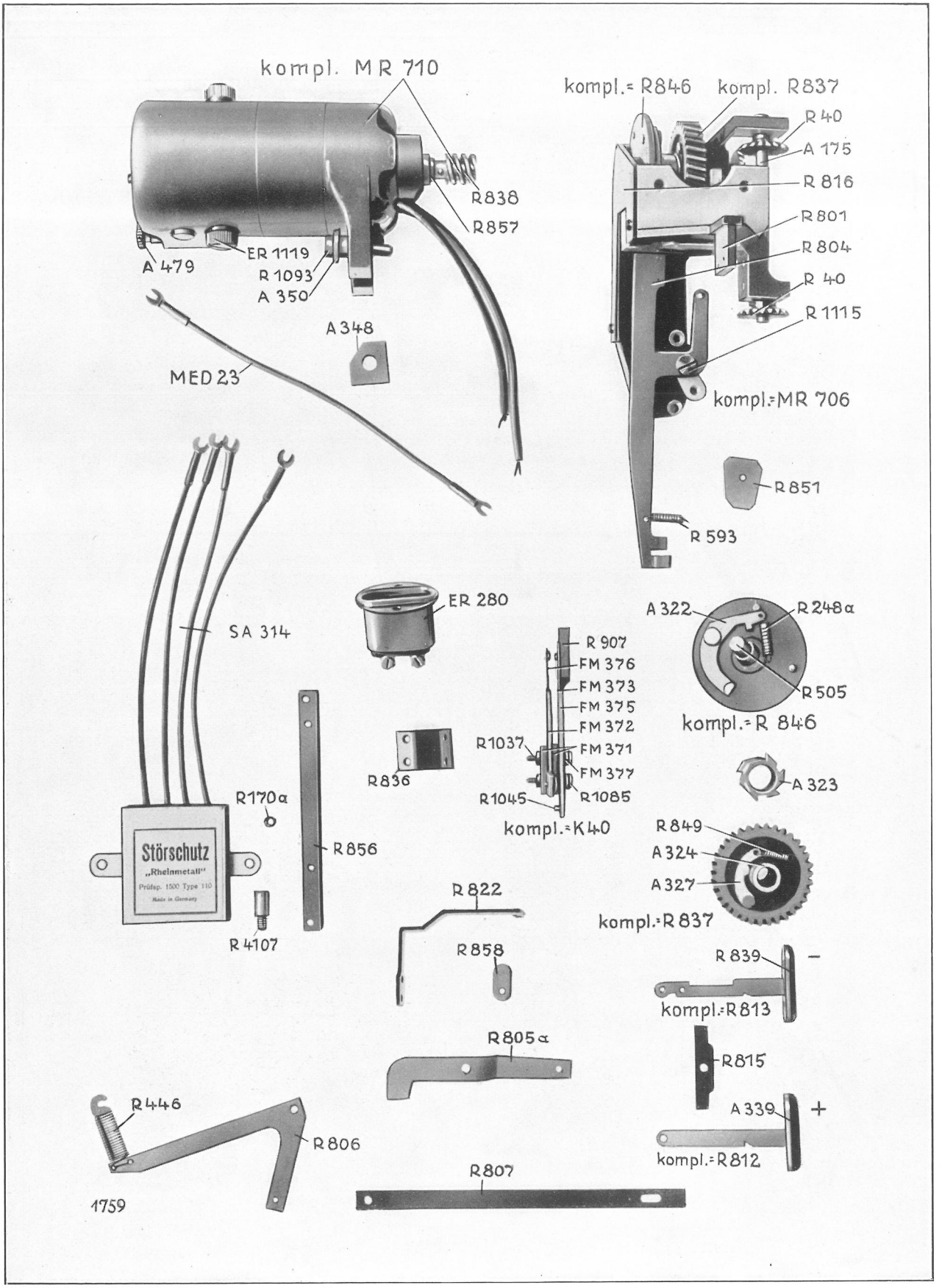
Parts of former hand models
Pièces pour machines à main ancien modèle
Piezas para máquinas a mano, modelo antiguo
Pezzi per macchine a mano, modello antico

RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



Teile für ältere Handmaschinen

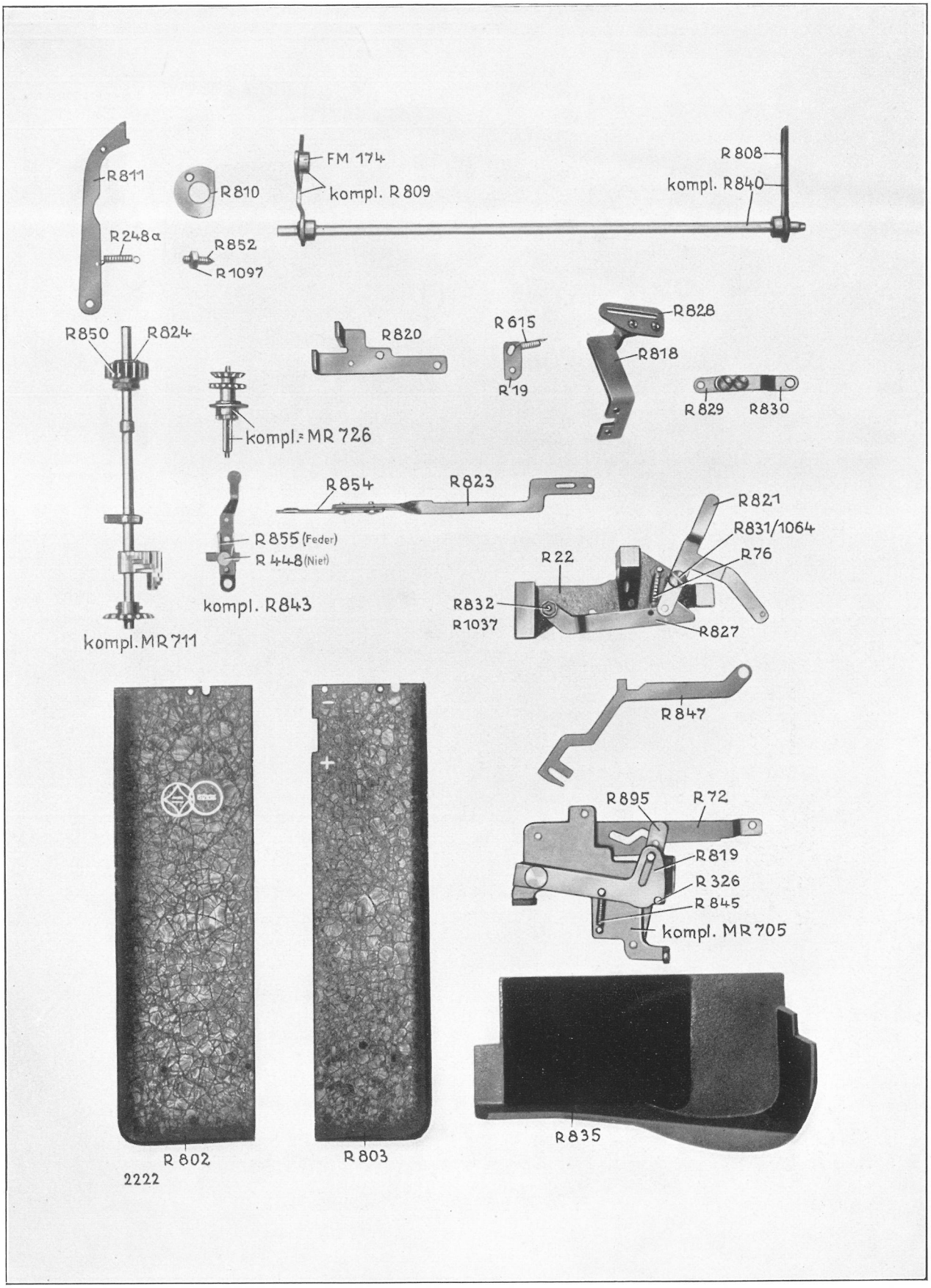
Parts of former hand models
Pièces pour machines à main ancien modèle
Piezas para máquinas a mano, modelo antiguo
Pezzi per macchine a mano, modello antico



Teile für einfachen elektrischen Antrieb

Parts of the simple electric drive
Pièces pour la commande simple électrique
Piezas para el impulso sencillo eléctrico
Pezzi per il commando semplice elettrico

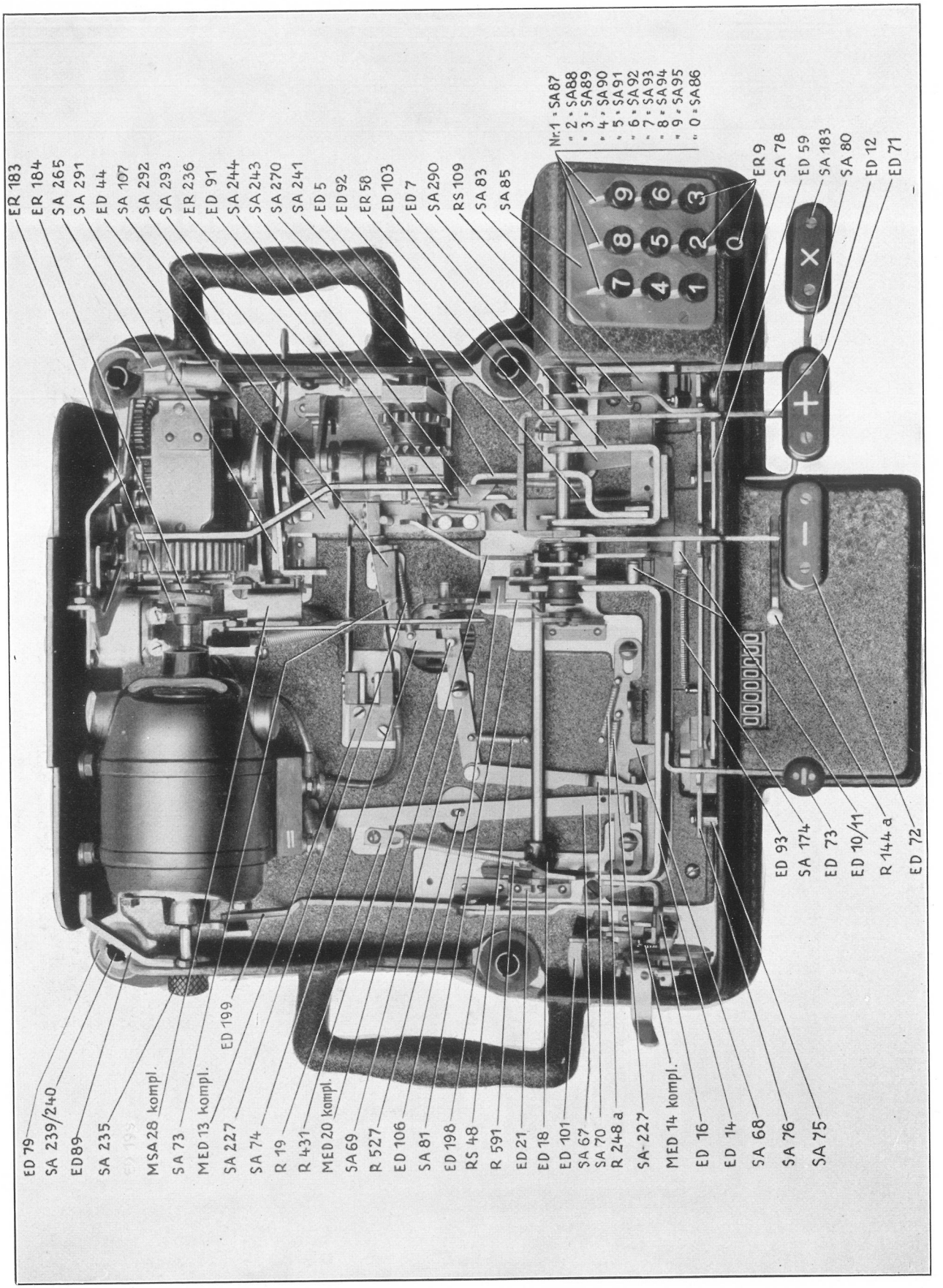
RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



Teile für einfachen elektrischen Antrieb

Parts of the simple electric drive
Pièces pour la commande simple électrique
Piezas para el impulso sencillo eléctrico
Pezzi per il commando semplice elettrico

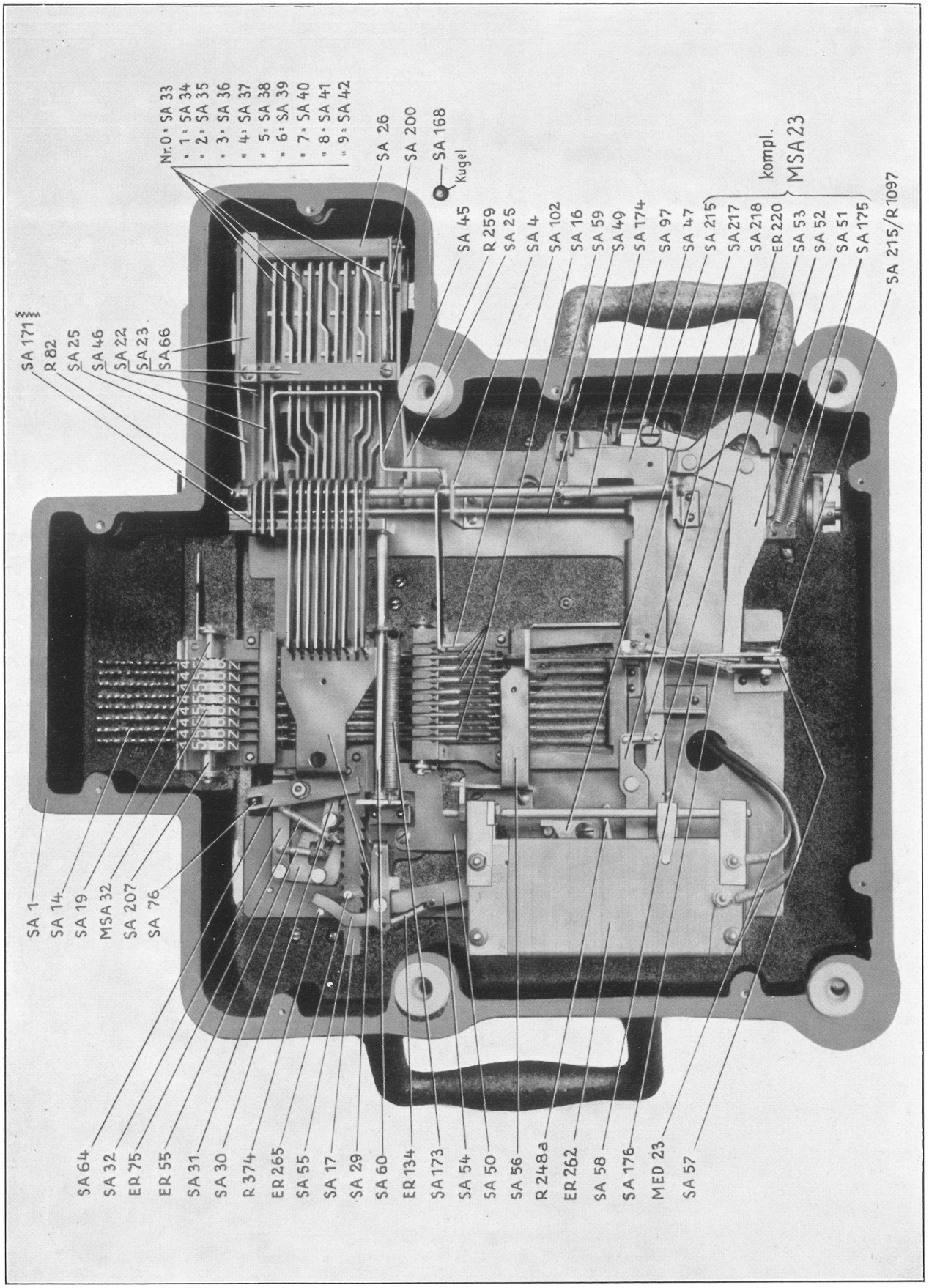
RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



Grundplatte für Superautomaten

Bottom plate of super automatic machines
Plaque de base pour machines superautomatiques
Basamento para las máquinas superautomáticas
Basamento per le macchine superautomatiche

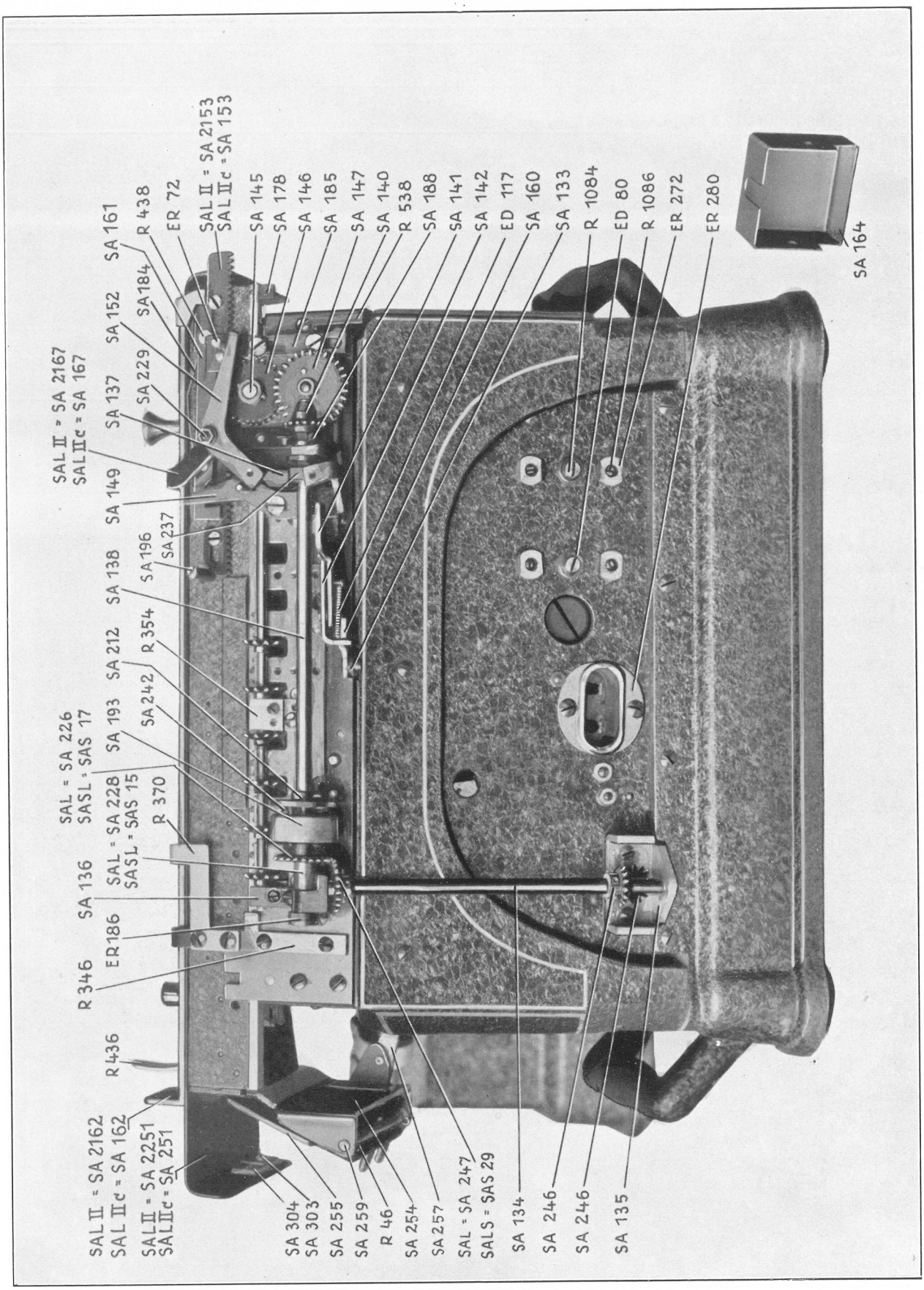
RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



Grundplatte für Superautomaten

Bottom plate of super automatic machines
Plaque de base pour machines superautomatiques
Basamento para las máquinas superautomáticas
Basamento per le macchine superautomatiche

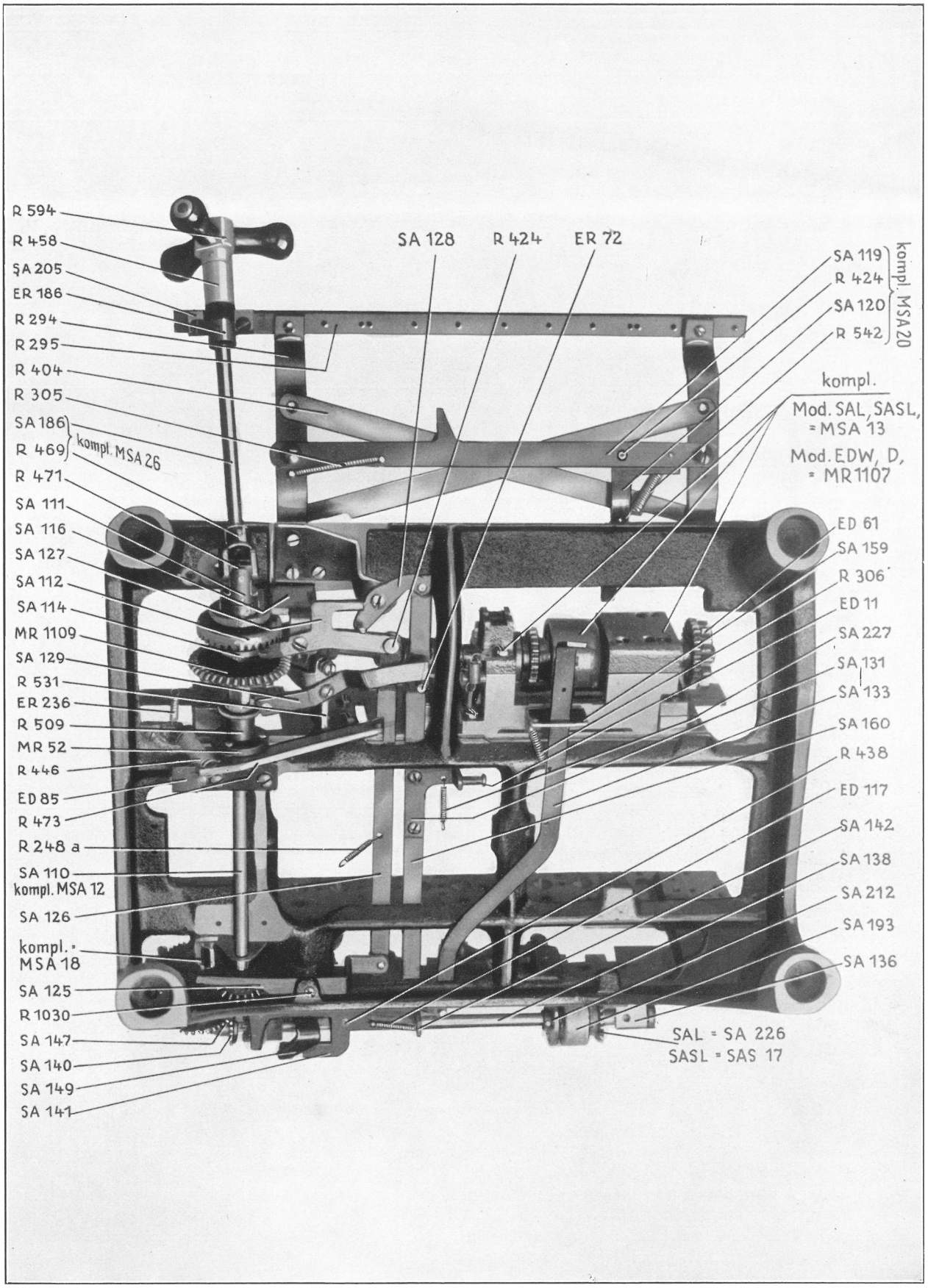
RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



Teile für Superautomaten

Parts of the super automatic machines
Pièces des machines superautomatiques
Piezas de las máquinas superautomáticas
Pezzi delle macchine superautomatiche

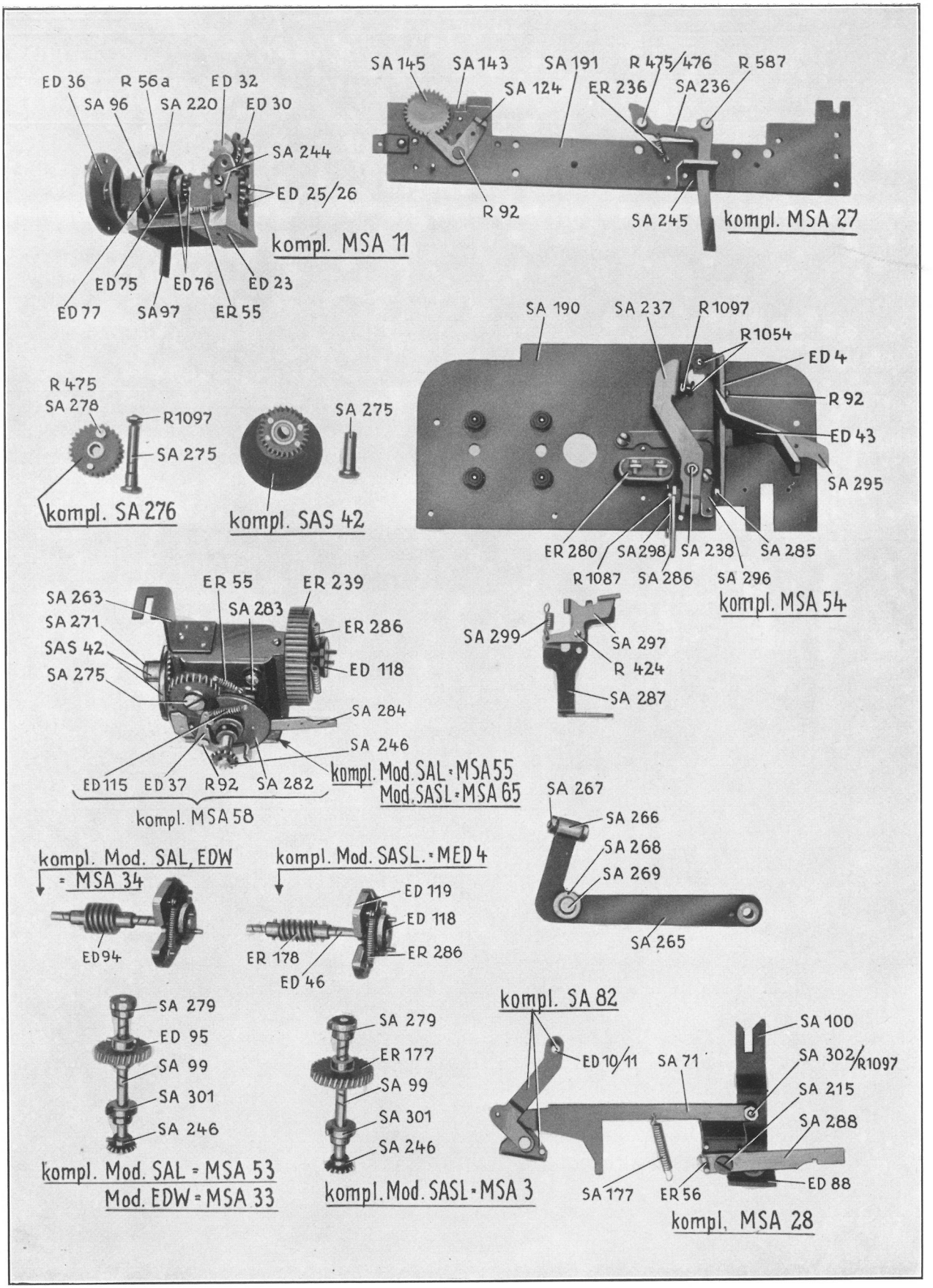
RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



Teile für Superautomaten

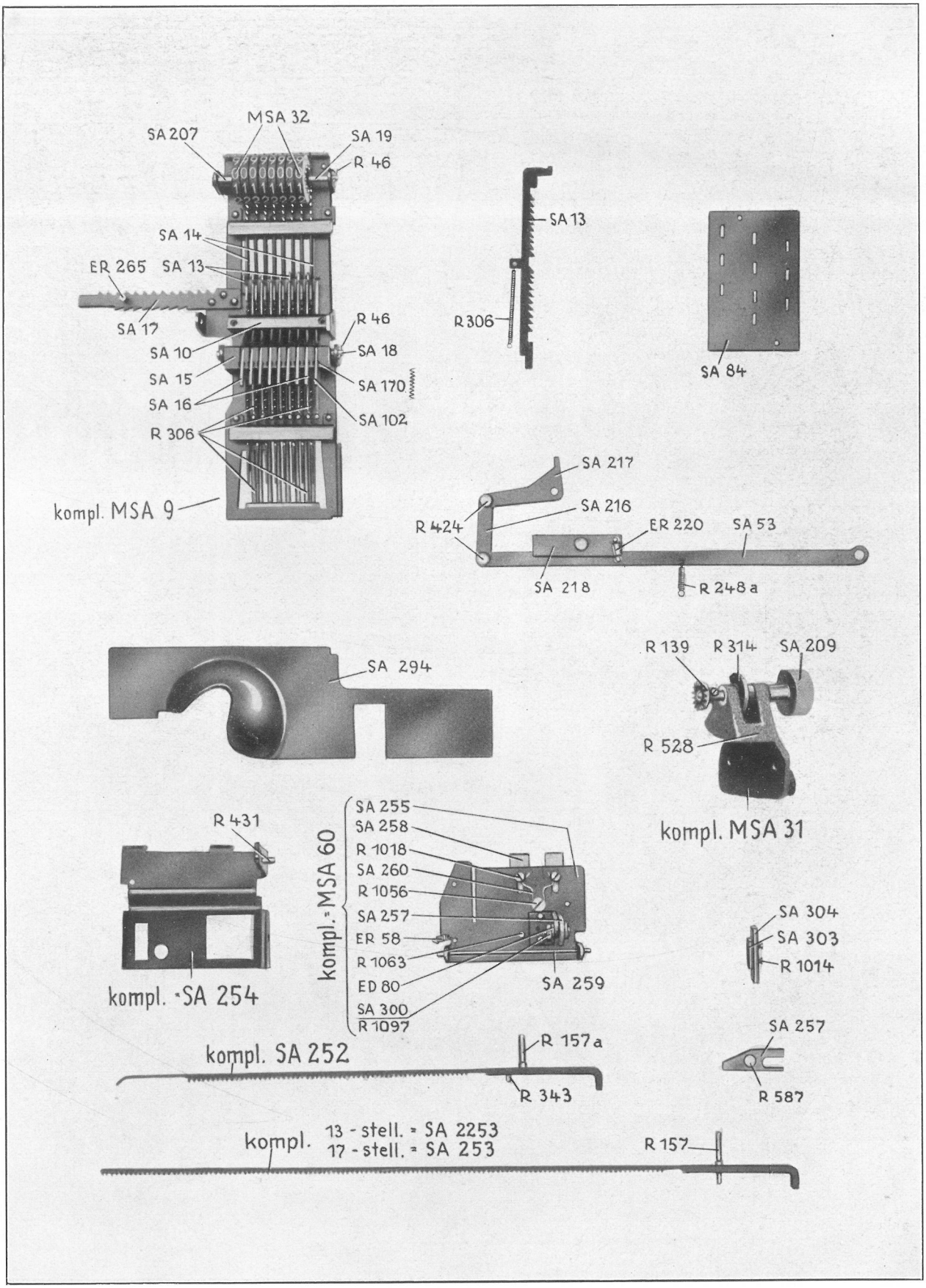
Parts of the super automatic machines
Pièces des machines superautomatiques
Piezas de las máquinas superautomáticas
Pezzi delle macchine superautomatiche

RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



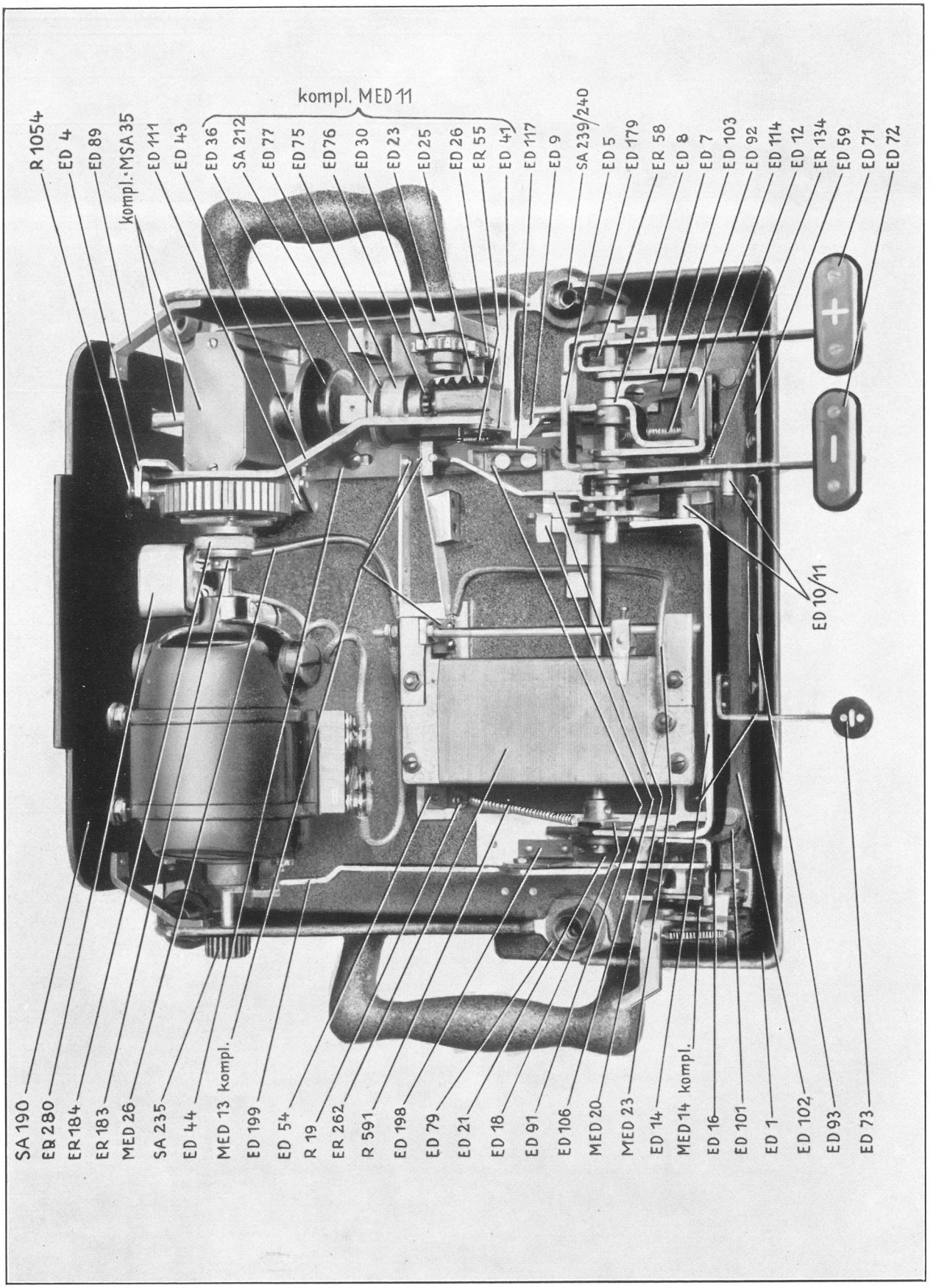
Teile für Superautomaten

Parts of the super automatic machines
Pièces des machines superautomatiques
Piezas de las máquinas superautomáticas
Pezzi delle macchine superautomatiche



Teile für Superautomaten

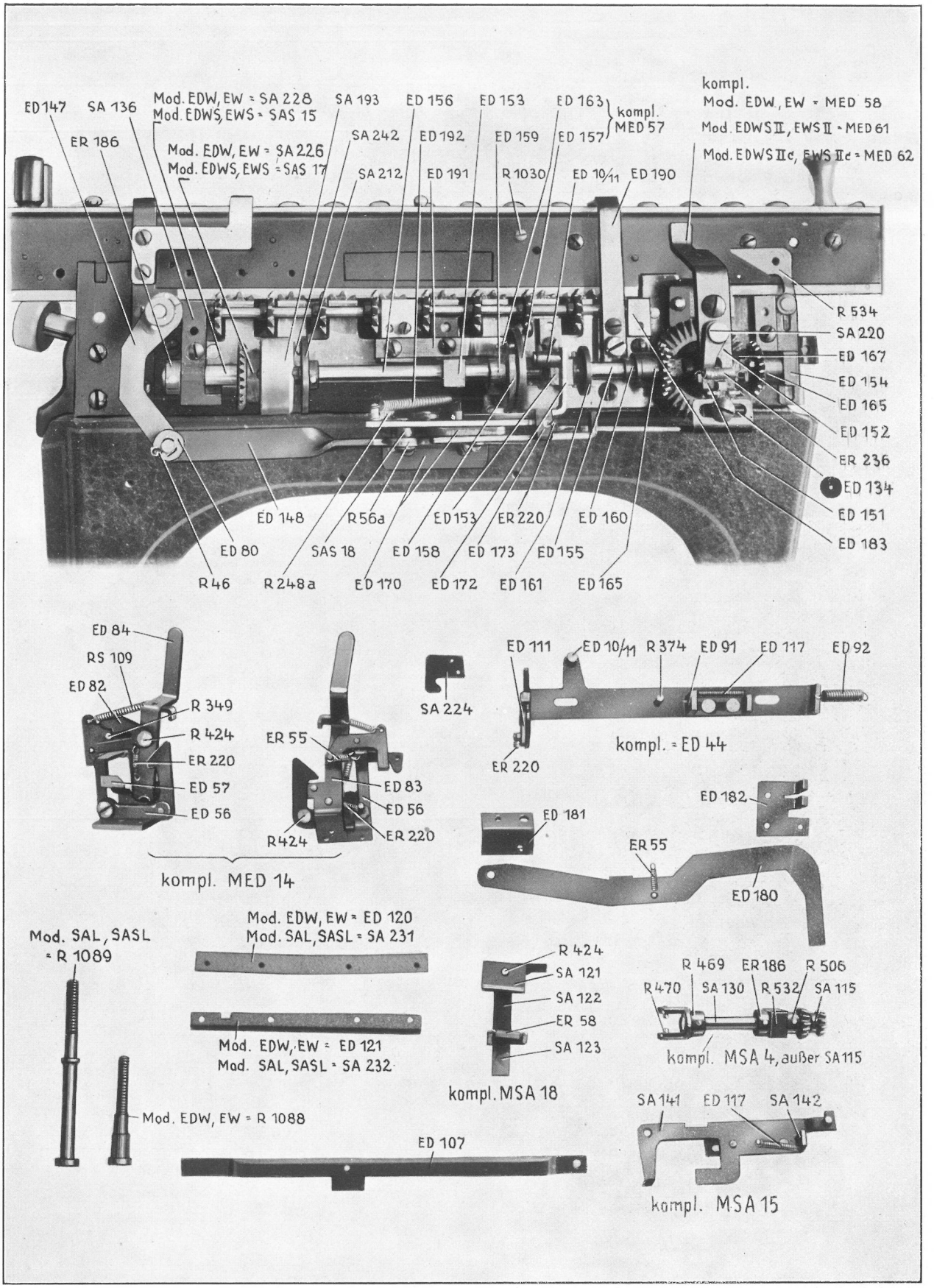
Parts of the super automatic machines
Pièces des machines superautomatiques
Piezas de las máquinas superautomáticas
Pezzi delle macchine superautomatiche



Grundplatte für Halbautomaten

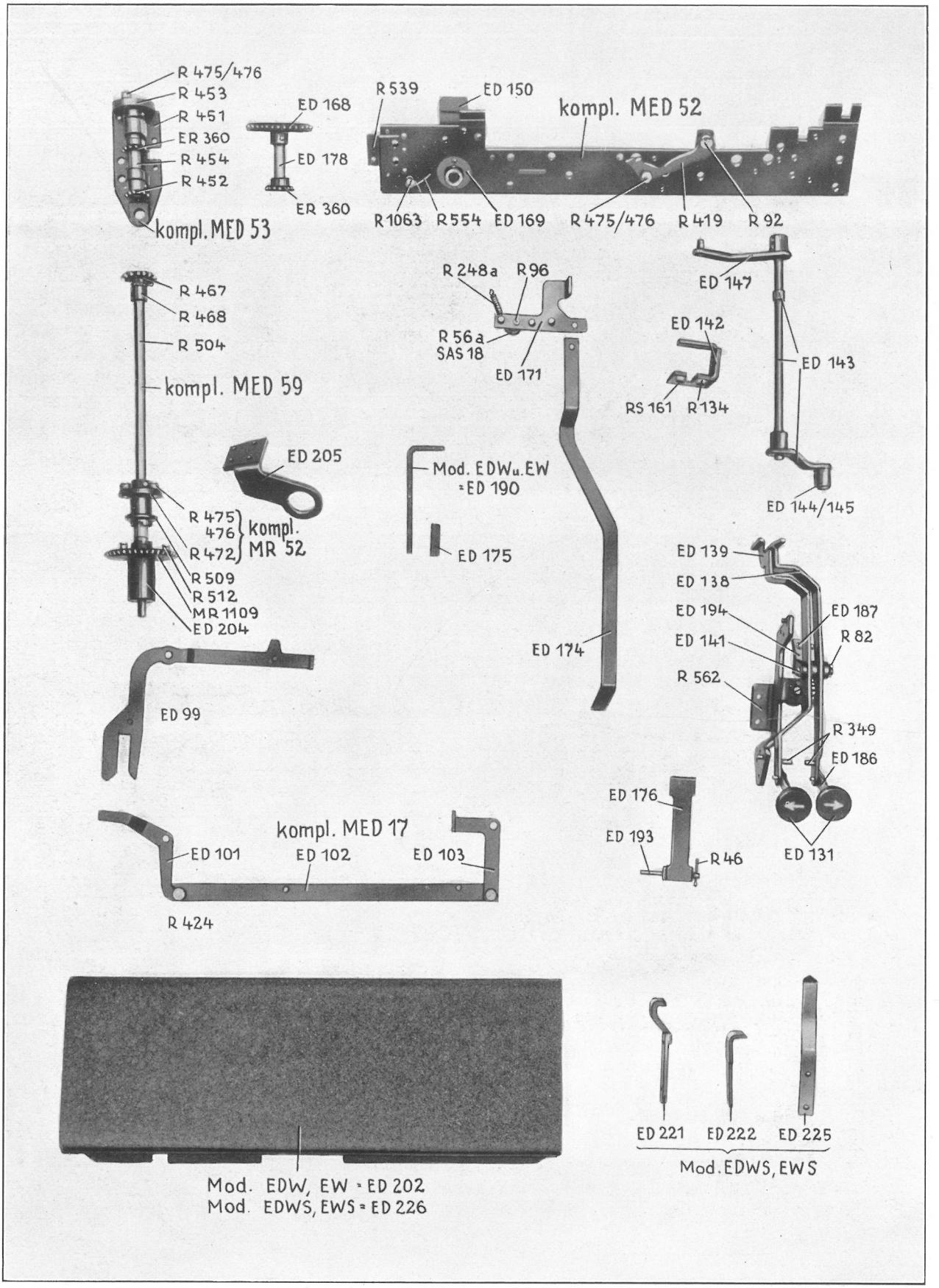
Bottom plate of semi automatic machines
Plaque de base pour machines semi-automatiques
Basamento para las máquinas semi-automáticas
Basamento per le macchine semi-automatiche

RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



Teile für Halbautomaten

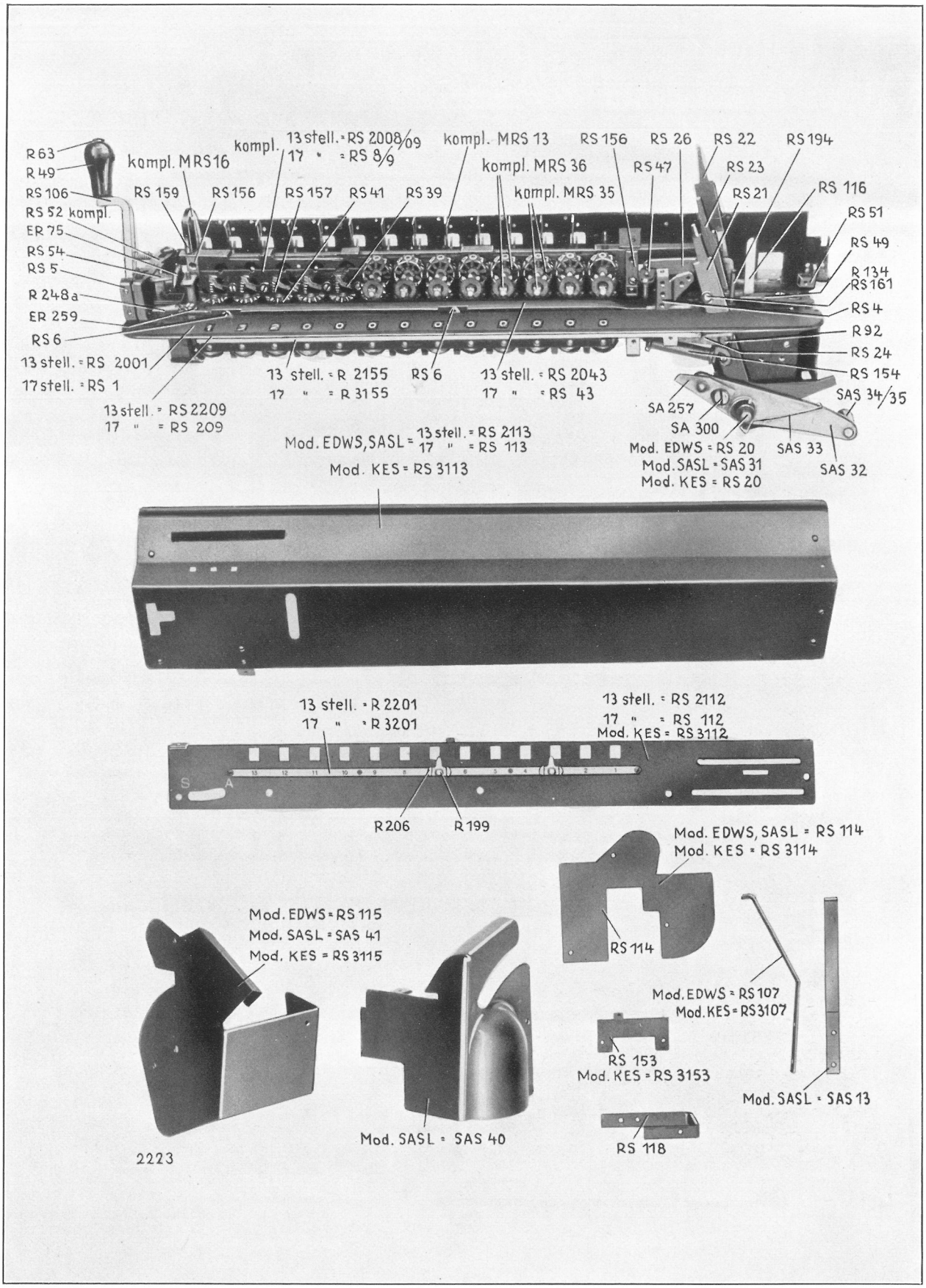
Parts of semi automatic machines
Pièces pour machines semi-automatiques
Piezas para máquinas semi-automáticas
Pezzi per macchine semi-automatiche



Teile für Halbautomaten

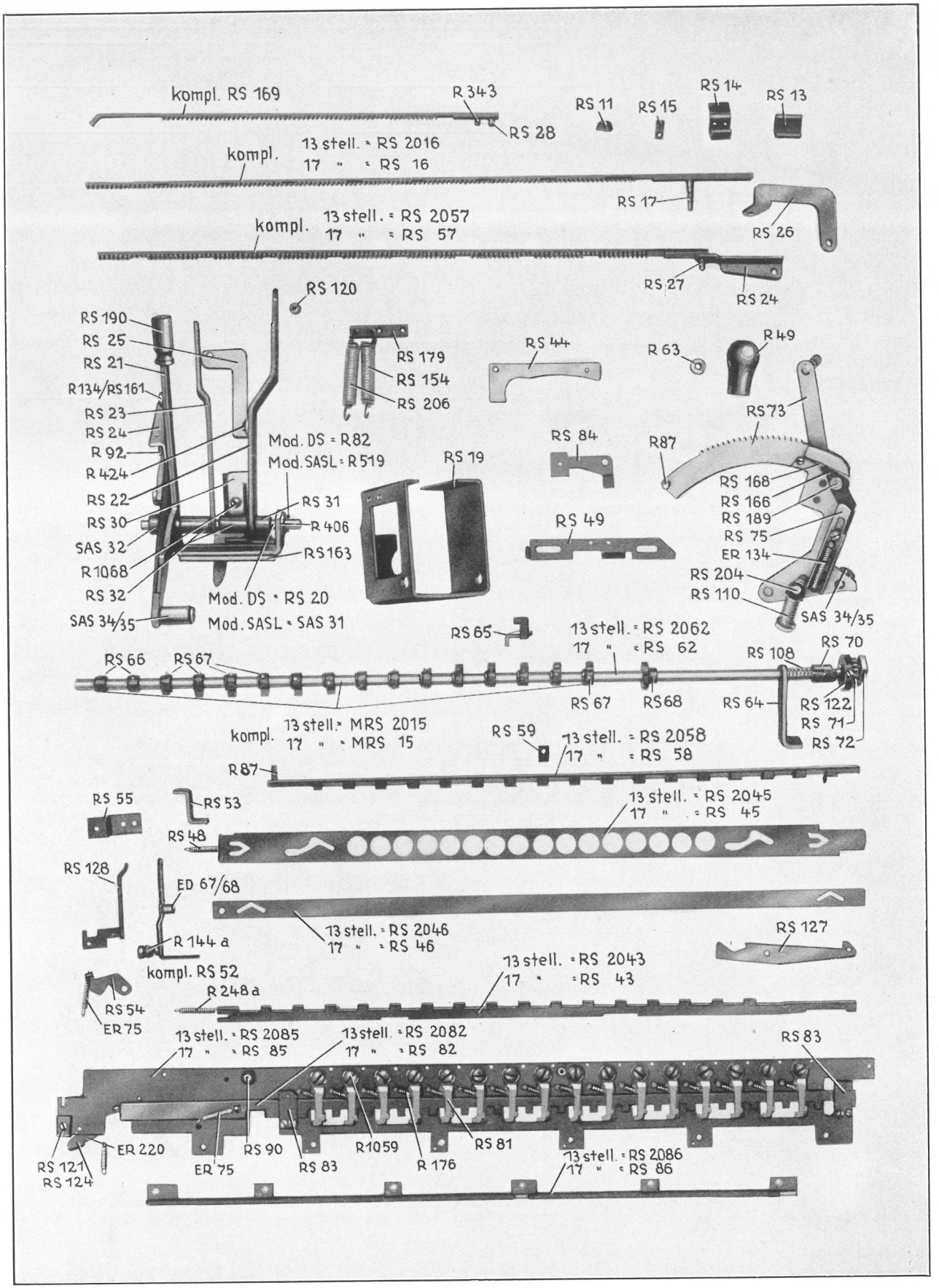
Parts of semi automatic machines
Pièces pour machines semi-automatiques
Piezas para máquinas semi-automáticas
Pezzi per macchine semi-automatiche

RHEINMETALL-BORSIG AKTIENGESELLSCHAFT / WERK SÖMMERDA (THÜRINGEN)



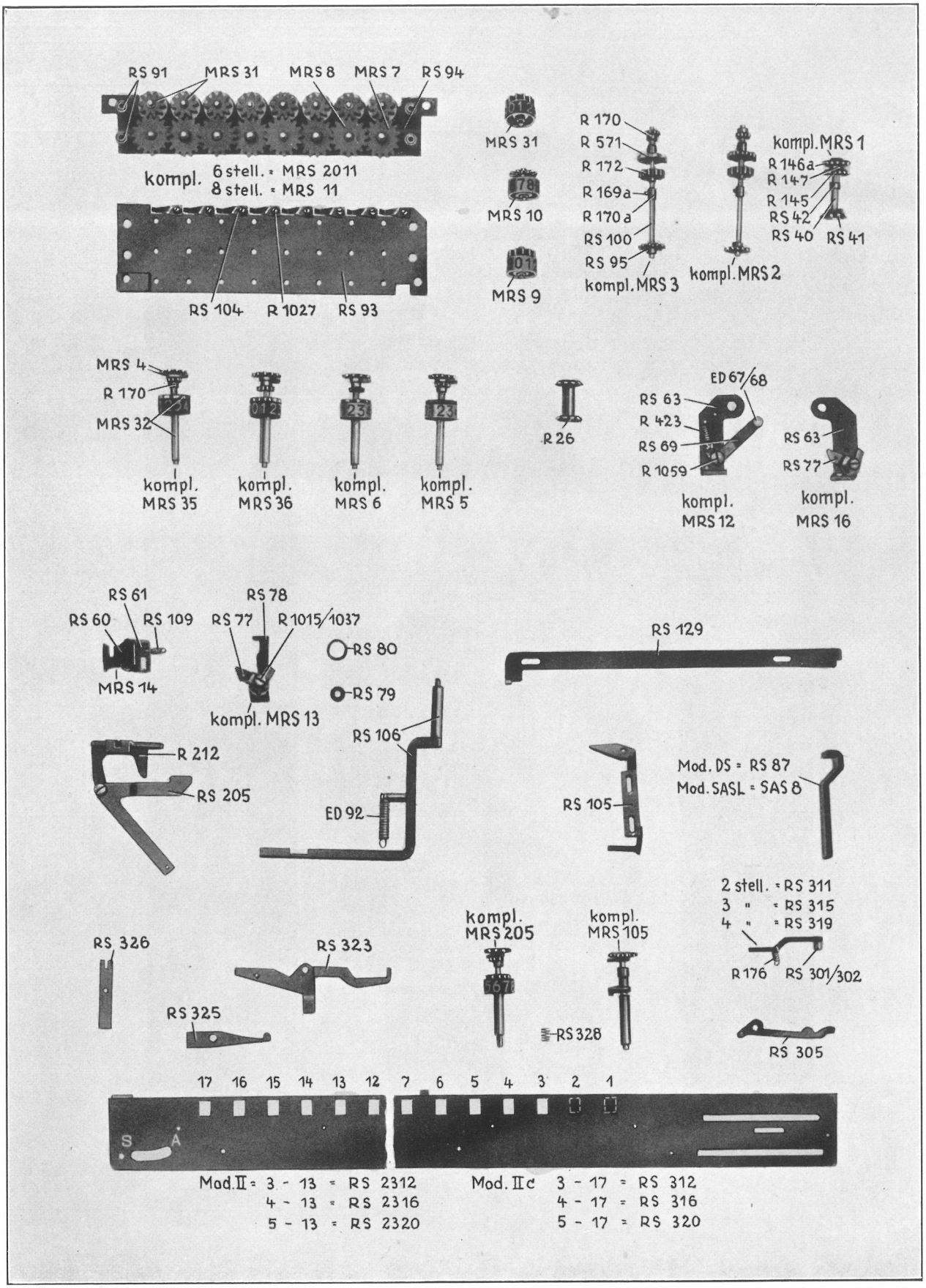
Teile zum Summierwerk

Parts of the second totaliser
Pièces du double totalisateur
Piezas del doble totalizador
Pezzi del doppio totalisatore



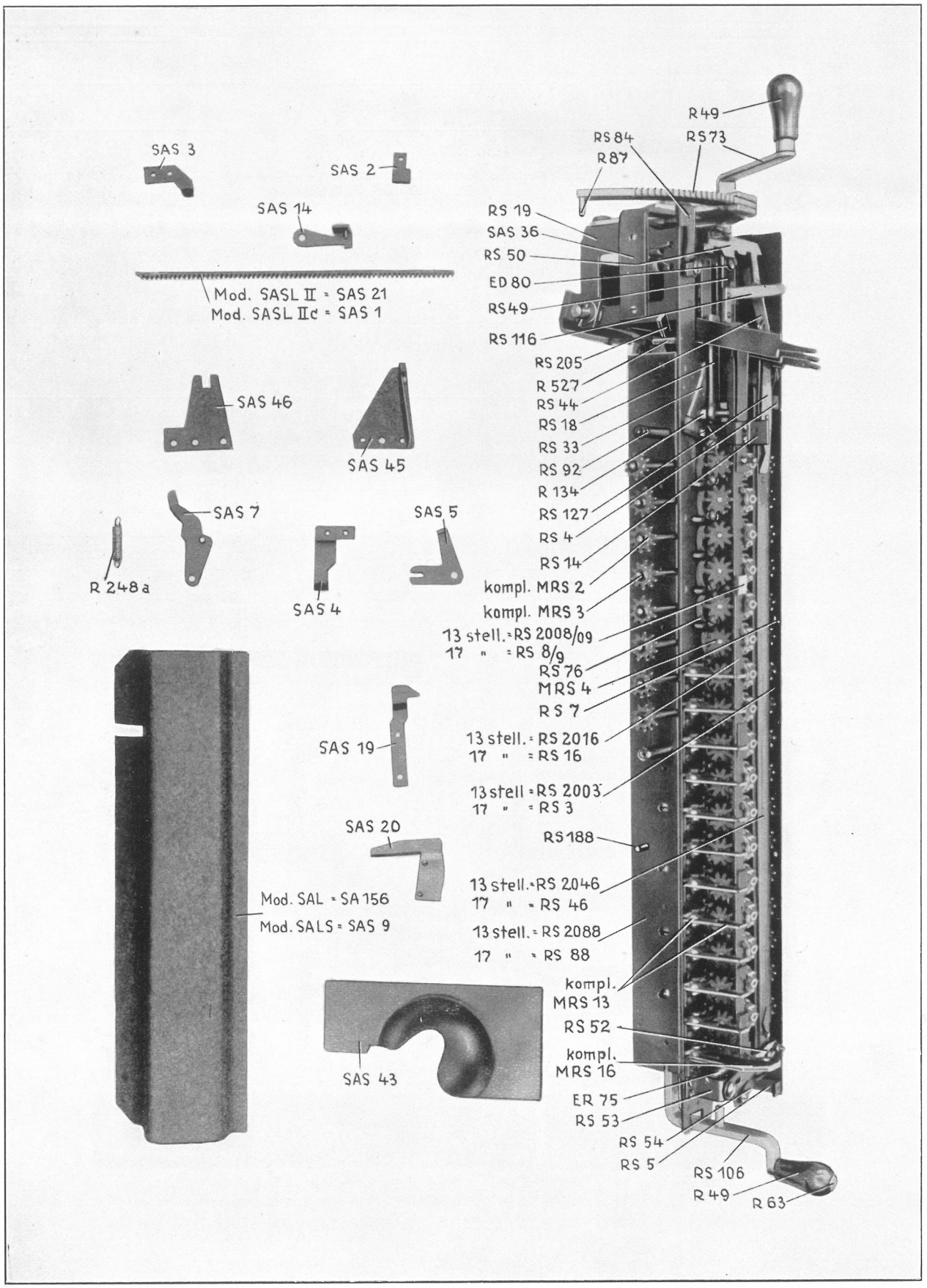
Teile zum Summierwerk

Parts of the second totaliser
Pièces du double totalisateur
Piezas del doble totalizador
Pezzi del doppio totalisatore



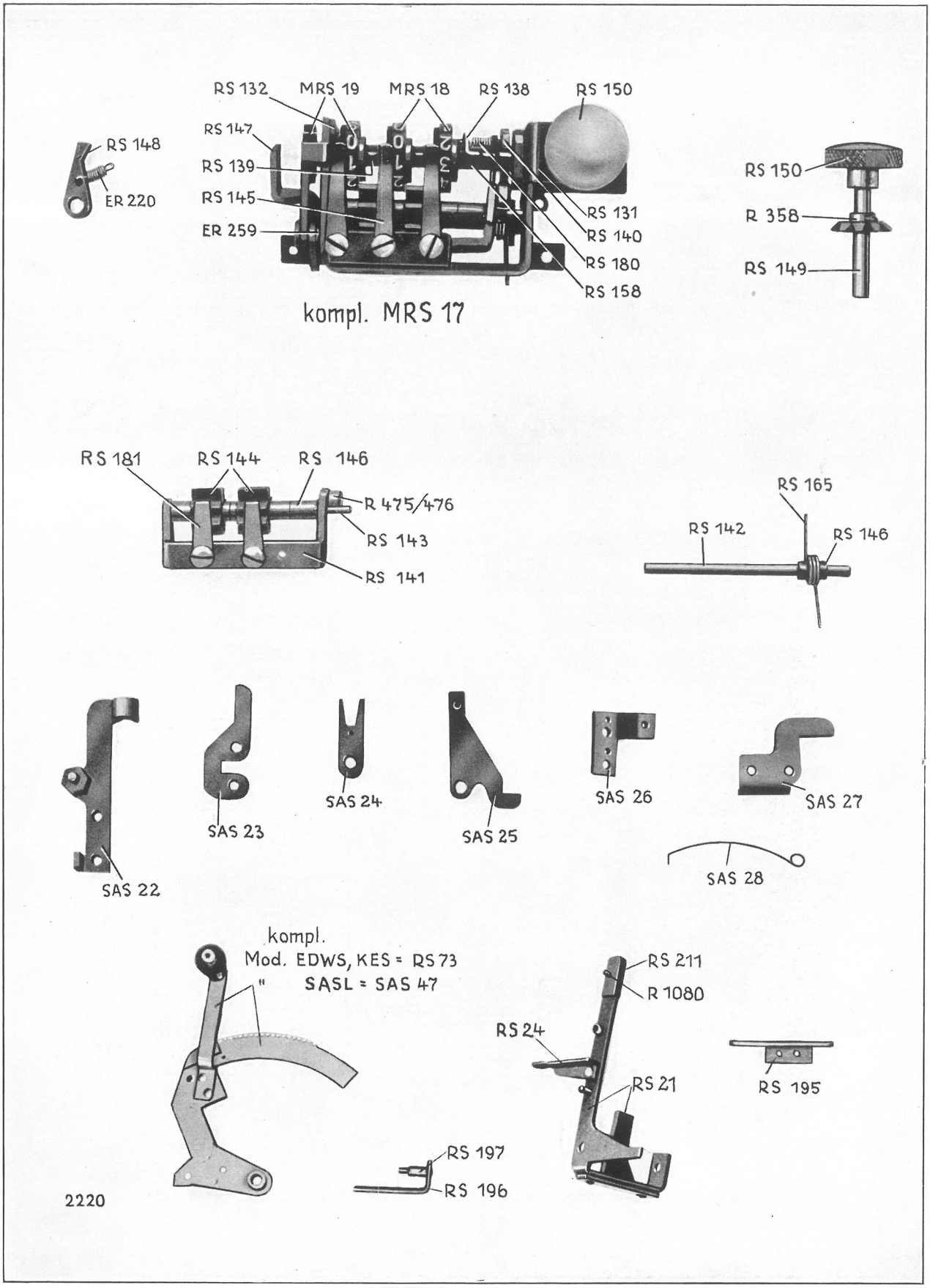
Teile zum Summierwerk

Parts of the second totaliser
Pièces du double totalisateur
Piezas del doble totalizador
Pezzi del doppio totalisatore



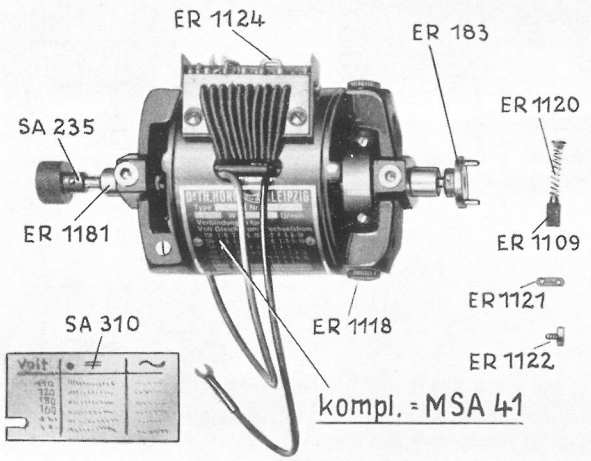
Teile zum Summierwerk

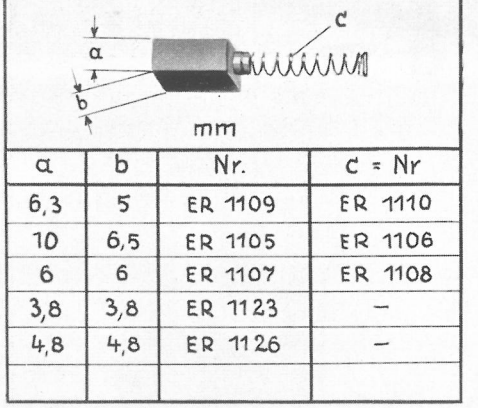
Parts of the second totaliser
Pièces du double totalisateur
Piezas del doble totalizador
Pezzi del doppio totalisatore



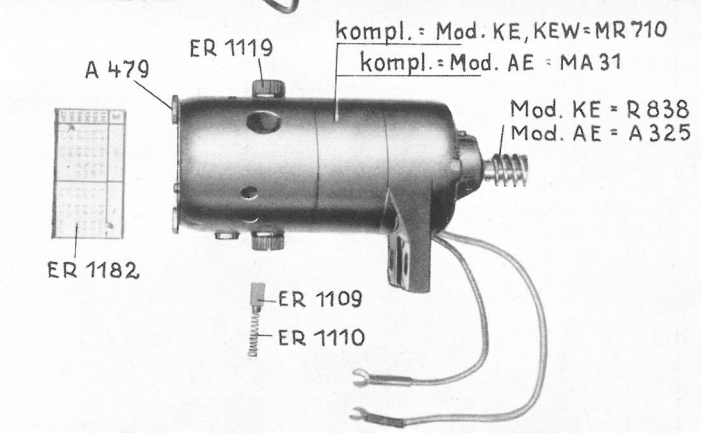
Teile und Neuerungen zum Summierwerk

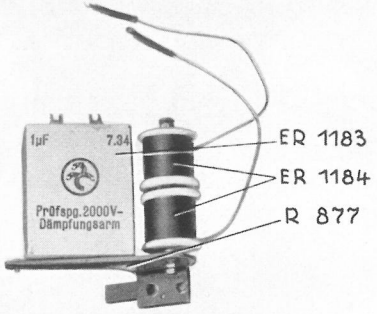
Parts and improvements of the second totaliser
Pièces et perfectionnements du double totalisateur
Piezas y perfeccionamientos para el doble totalizador
Pezzi e perfezionamenti per il doppio totalisatore

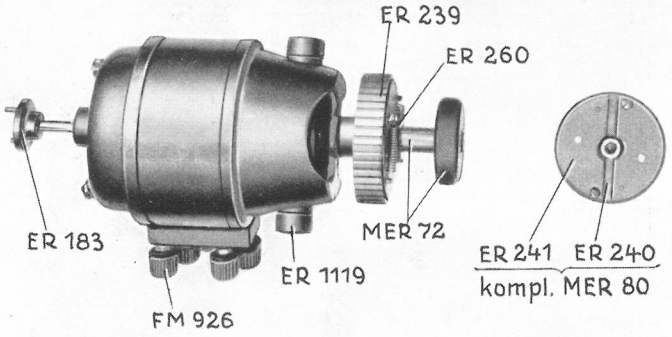


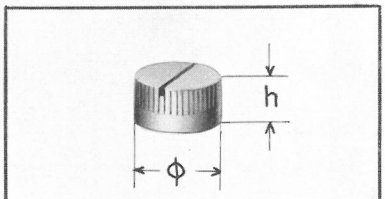


a	b	Nr.	c = Nr
6,3	5	ER 1109	ER 1110
10	6,5	ER 1105	ER 1106
6	6	ER 1107	ER 1108
3,8	3,8	ER 1123	–
4,8	4,8	ER 1126	–







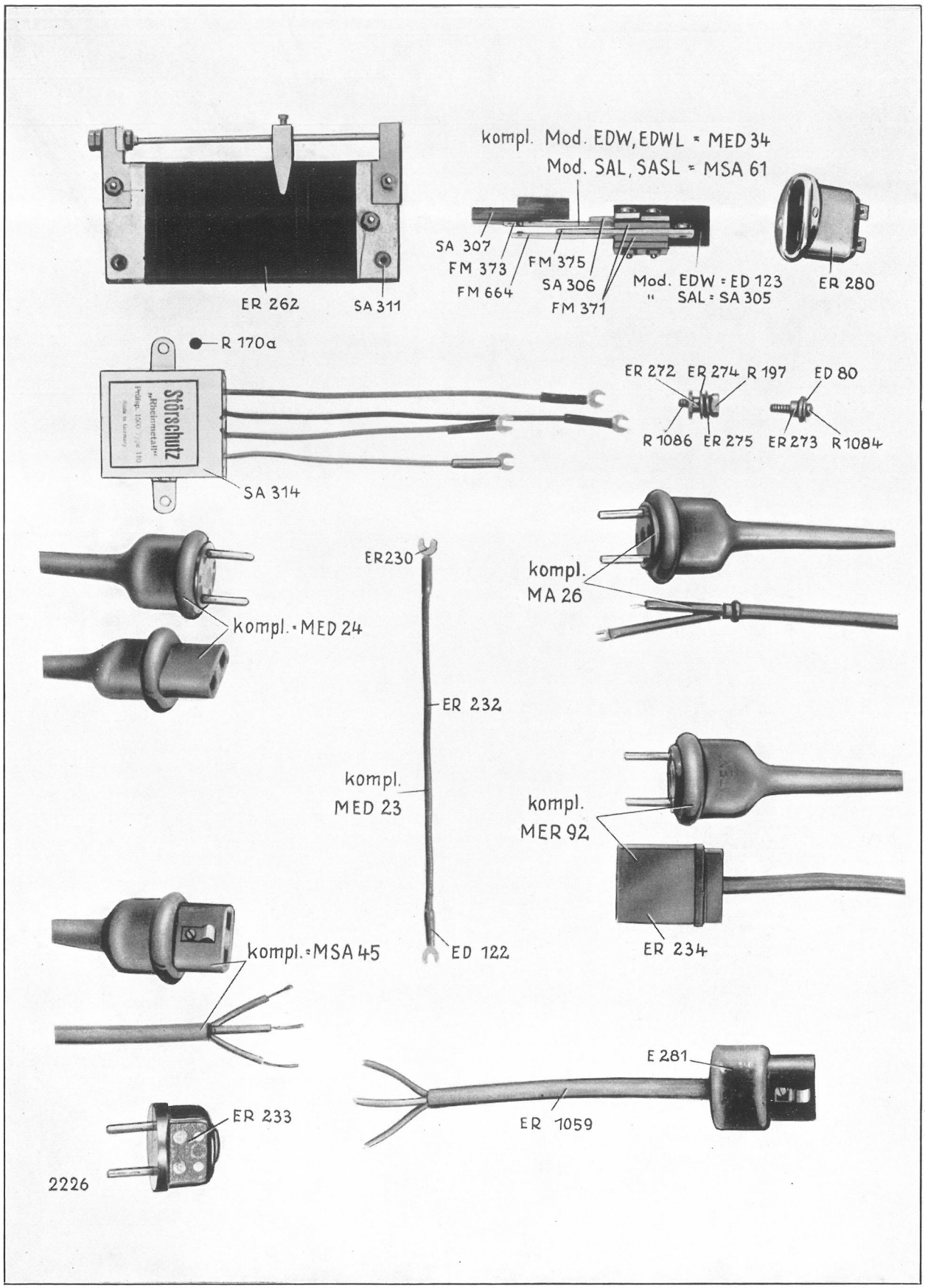


ϕ	h	Nr.
14	9	ER 1119
14	13	ER 1118
15	8,5	ER 1119
15,5	12,5	ER 1113
19	9,5	ER 1117

2062

Ersatzteile für Motoren

Parts of the motors
Pièces détachées pour moteurs
Piezas de repuesto para el motor
Pezzi di ricambio per il motor



Teile zum elektrischen Anschluß

Parts of the electric contact
Pièces du contact électrique
Piezas para el contacto eléctrico
Pezzi per il contatto elettrico